

**NOVA SCOTIA
MEDICAL SERVICES INSURANCE**

ANNUAL STATISTICAL TABLES
Fiscal Year 1981-82

NOVA SCOTIA MEDICAL SERVICES INSURANCE

ANNUAL STATISTICAL TABLES

12 MONTHS ENDED MARCH 31, 1982

(with comparative statistics for 12 months ended March 31, 1981)

Research & Statistics

Maritime Medical Care Incorporated

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Fee Increases During 1981-82

	<u>INCREASE</u>
<u>April 1, 1981</u>	
Physicians	12.0%
Children's Dental Plan and Dental Surgical	10.0%
Optometric	14.2%
<u>July 1, 1981</u>	
Pharmacare - Maximum Pharmacy Dispensing Fee	13.8% to \$4.55

Changes in Insured Programs

In November 1981 a program to insure the purchase of, and repairs to, arm and leg prostheses was implemented, with coverage retroactive to January 1981.

In September 1981 the Department of Social Services introduced a program to insure prescription drugs for disabled recipients of Family Benefits Payments. Coverage under this program is similar to coverage under M.S.I. Pharmacare. The program is administered by Maritime Medical Care Inc. Statistics on the Social Services Pharmacare Program are not included in this publication for 1981-82.

NOVA SCOTIA MEDICAL SERVICES INSURANCE

1981 - 1982

SECTION ONE

GENERAL STATISTICS

Table 1
MSI Payments Summary
12 Months Ending March 31, 1982

	<u>1980-81</u>	<u>1981-82</u>	<u>Percentage Change</u>
<u>Physicians Services</u>			
Fee-For-Service Payments	\$ 84,378,140	\$ 97,558,567 ¹	15.6
Salaried & Sessional Payments	<u>3,754,972</u>	<u>4,321,231</u>	<u>15.1</u>
Total Payments for Physicians Services	\$ 88,133,112	\$101,879,798	15.6
<u>Dentists Services</u>			
Insured Dental Surgical Services	\$ 1,039,092	\$ 1,189,970	14.5
Children's Dental Plan	6,460,880	8,332,823	29.0
Cleft Palate & Special Programs	<u>131,816</u>	<u>168,058</u>	<u>27.5</u>
Total Dental Services	\$ 7,631,788	\$ 9,690,851	27.0
<u>Optometric Services</u>			
Optometric Plan	\$ 1,193,647	\$ 1,396,144	17.0
<u>Prescription Drugs</u>			
MSI Pharmacare	\$ 17,228,981	\$ 20,813,544	20.8
Cystic Fibrosis & Diabetes Insipidus	165,444	177,414	7.2
<u>Prosthetic Services</u>			
	\$ -	\$ 242,079	-
TOTAL MSI PAYMENTS	\$114,352,972	\$134,199,830	17.4
Administrative Expense, Maritime Medical Care Incorporated			
	\$ 4,298,748	\$ 4,852,208	12.9
Administrative Expense, As A Percent of Total Payments			
	<u>3.8%</u>	<u>3.6%</u>	
TOTAL	\$118,651,720	\$139,052,038	17.2

1. Of the amount shown above for physicians services \$432,948 for out-of-province hospital out-patient and diagnostic services was transferred to the Department of Health in 1981-82.

Table 2
Five Year Comparison of Selected MSI Statistics
And Annual Percentage Increases

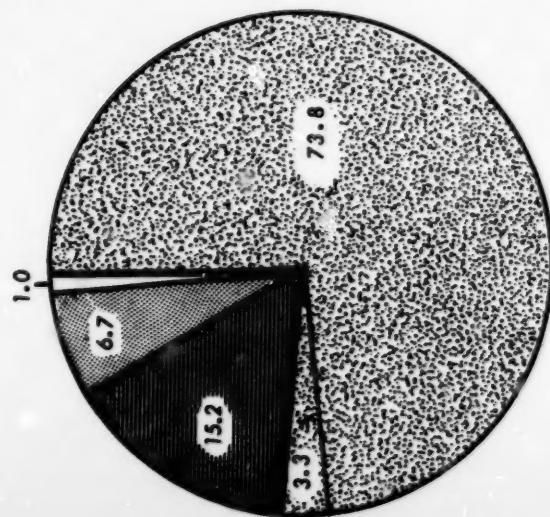
	<u>1977-78</u>	<u>1978-79</u>	<u>1979-80</u>	<u>1980-81</u>	<u>1981-82</u>
Insured Population ¹	820,000 0.6%	824,000 0.7%	827,000 0.6%	831,000 0.7%	834,000 0.4%
Physicians Paid	1,243 2.7%	1,266 1.9%	1,307 3.2%	1,320 1.0%	1,386 5.0%
Dentists Paid	244 5.2%	256 4.9%	275 7.4%	286 4.0%	288 0.7%
Optometrists Paid	37	41	43	44	45
Pharmacies Paid	186 0.5%	190 2.2%	197 3.7%	203 3.0%	202 -0.5%
TOTAL MSI PAYMENTS	\$80,142,990 9.1%	\$89,511,273 11.7%	\$100,636,860 12.4%	\$114,352,972 13.6%	\$134,199,830 17.4%
Payments Per Insured Person ¹	\$97.74 9.1%	\$108.63 11.1%	\$121.69 12.0%	\$137.61 13.1%	\$160.91 16.9%
Claims Processed	5,309,179 3.8%	5,542,704 4.4%	5,758,186 3.9%	5,962,000 3.6%	6,069,000 1.8%
Administrative Expense	\$ 3,555,983 2.0%	\$ 3,467,444 -2.5%	\$ 3,856,132 11.2%	\$ 4,298,748 11.5%	\$ 4,852,208 12.9%
Maritime Medical Care Administrative Expense As Percent of Total MSI Payments	4.4	3.9	3.8	3.8	3.6
Total Number of Maritime Medical Care Employees (March 31)	235 -2.9%	235 -	237 0.9%	235 -0.8%	244 3.8%

1. Insured persons and payments per insured person have been revised as the result of population counts from the 1981 census.

Figure 1

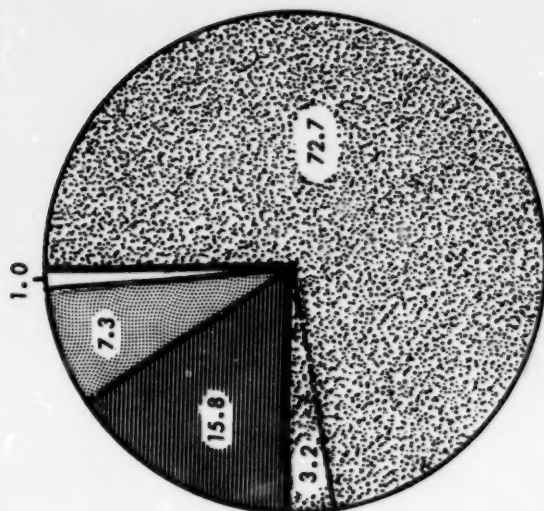
DISTRIBUTION OF MSI PAYMENTS FOR INSURED SERVICES

1980 - 81
\$ 114,352,972



PHYSICIANS' SERVICES:
FEE-FOR-SERVICE
SALARY/ SESSIONAL FEES
PRESCRIPTION DRUGS

1981 - 82
\$ 134,199,830



DENTISTS' SERVICES
OPTOMETRISTS' SERVICES

NOVA SCOTIA MEDICAL SERVICES INSURANCE

1981 - 1982

SECTION TWO

PHYSICIANS SERVICES

Physicians Services

Table 1.0

Payment and Utilization Summary

Fiscal 1981-82 Compared With Fiscal 1980-81

	<u>1980-81</u>	<u>1981-82¹</u>	<u>Percentage Change</u>
<u>Payment Summary</u>			
Fee-For-Service Payments For Physicians Services Rendered In Nova Scotia	\$83,194,072	\$ 96,057,422	15.5
Physicians Services Rendered Outside Nova Scotia	1,184,068	1,501,145	26.8
Total Fee-For-Service Payments	84,378,140	97,558,567	15.6
Salaried Physicians	3,754,972	4,321,231	15.2
Total Payments for Physicians Services	\$88,133,112	\$101,879,798	15.6
<u>Utilization Summary</u>			
Persons Insured	831,000	834,000	0.4
Persons Receiving Insured Services (Beneficiaries)	721,958	726,014	0.6
Percent of Persons Insured	86.9	87.1	
<u>Services Rendered</u>	5,420,233	5,565,010	2.7
Services Per Insured ²	6.52	6.67	2.3
Expenditure Per Insured ³	\$106.06	\$122.16	15.2
Services Per Beneficiary ²	7.51	7.67	2.1
Expenditure Per Beneficiary ³	\$122.08	\$140.33	15.0

1. Of the total for physicians services \$432,948 for out-of-province out-patient and diagnostic services was charged to the Department of Health in 1981-82.
2. Excludes services performed by physicians under salary arrangement.
3. Includes payments for salaried physicians services.

Physicians Services
Table 1.1
Number of Physicians Paid

<u>Payment Category</u>	<u>Number Of Physicians</u>	
	<u>12 Months Ended March 31, 1981</u>	<u>12 Months Ended March 31, 1982</u>
Physicians Who Received Fee-For- Services Payments <u>Only</u>	1,217	1,282
Physicians Who Received Fee-For- Services <u>And</u> Salary Payments	<u>82</u>	<u>78</u>
Total Physicians - Fee-For-Service	1,299	1,360
Physicians Who Received Salary Payments <u>Only</u>	<u>21</u>	<u>26</u>
TOTAL PHYSICIANS WHO RECEIVED MSI PAYMENTS	1,320	1,386

Physicians Services

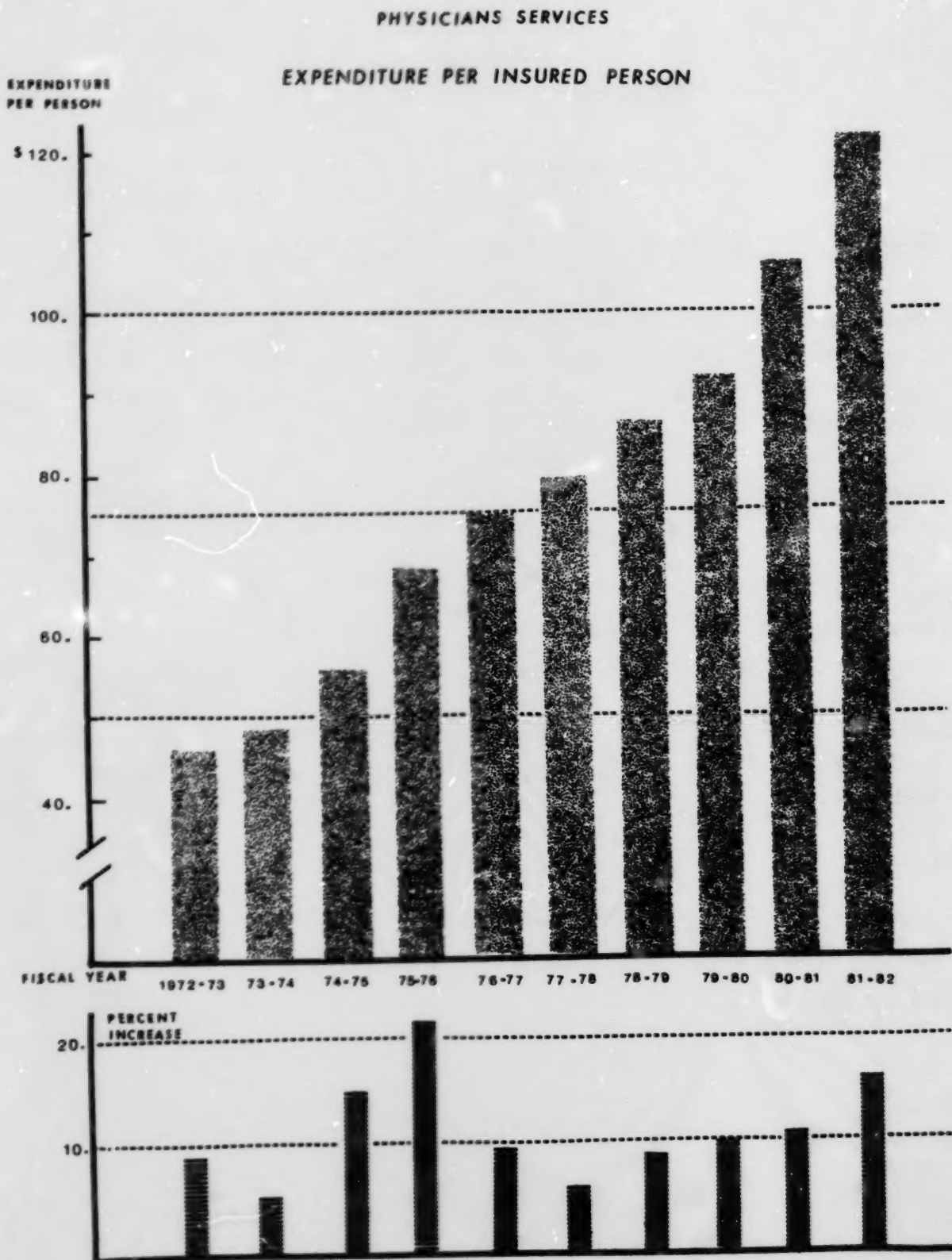
Table 1.2

Total MSI Payments for Physicians Services¹
And Expenditure Per Insured Person - 1970-71 to 1981-82

	<u>Total Paid</u>	<u>Expenditure Per²</u> <u>Insured Person</u>	<u>Percentage Change</u> <u>From Previous Year</u>
1970-71	\$30,190,518	\$39.31	-
1971-72	32,778,568	42.24	7.4
1972-73	35,975,822	46.06	9.1
1973-74	38,571,411	48.58	5.5
1974-75	44,851,793	55.93	15.0
1975-76	55,348,064	68.25	22.0
1976-77	61,107,308	74.79	9.6
1977-78	65,051,135	79.33	6.1
1978-79	71,091,416	86.28	8.8
1979-80	78,558,897	94.99	10.1
1980-81	88,133,112	106.06	11.7
1981-82	101,924,765	122.21	15.2

1. Includes payments to hospitals and institutions with respect to insured services performed by salaried physicians, as well as fee-for-service payments.
2. Expenditure per insured person has been revised for 1976-77 to 1980-81 as the result of population counts from the 1981 census.

Figure 2



Physicians Services
Table 2.0
Fee-For-Service Payments by County

County	12 Months Ended March 31, 1981			12 Months Ended March 31, 1982		
	Physicians	Amount Paid	% Of Total	Physicians	Amount Paid	% Of Total
Annapolis	21	\$ 1,100,743	1.3	22	\$ 1,170,533	1.2
Antigonish	32	1,673,710	2.0	36	1,920,113	2.0
Cape Breton	136	13,003,723	15.4	139	14,155,982	14.5
Colchester	44	3,202,812	3.8	44	3,755,587	3.9
Cumberland	39	2,548,905	3.0	41	2,816,649	2.9
Digby	22	1,494,886	1.8	22	1,693,892	1.7
Guysborough	11	621,273	0.7	11	627,552	0.6
Halifax	664	38,179,163	45.2	703	45,156,638	46.3
Hants	37	2,162,873	2.5	38	2,559,349	2.6
Inverness	19	1,595,459	1.9	16	1,791,722	1.9
Kings	83	5,073,673	6.0	81	6,126,984	6.3
Lunenburg	50	3,048,723	3.6	61	3,614,777	3.7
Pictou	60	4,282,222	5.1	62	4,672,502	4.8
Queens	10	644,834	0.8	10	769,942	0.8
Richmond	4	500,782	0.6	6	624,093	0.6
Shelburne	15	896,908	1.1	17	920,456	0.9
Victoria	7	387,485	0.5	7	468,996	0.5
Yarmouth	45	2,775,898	3.3	44	3,212,055	3.3
NOVA SCOTIA	1,299	\$83,194,072	98.6	1,360	\$96,057,422	98.5
Out-Of-Province		1,184,068	1.4		1,501,145	1.5
Total Fee-For- Service Payments		\$84,378,140	100.0		\$97,558,567	100.0

Physicians Services

Table 3.0

Amounts Paid by Physicians Specialty in Urban¹ and Rural Areas

Specialty	12 Months Ended March 31, 1981		12 Months Ended March 31, 1982	
	Physicians	Amount Paid	Physicians	Amount Paid
<u>ANAESTHESIA</u>				
Urban	34	\$ 2,553,119	40	\$ 3,232,103
Rural	7	454,163	9	513,160
TOTAL	41	3,007,282	49	3,745,263
<u>DERMATOLOGY</u>				
Urban	5	408,417	7	583,364
Rural	-	-	-	-
TOTAL	5	408,417	7	583,364
<u>GENERAL PRACTICE</u>				
Urban	358	19,178,092	377	21,761,885
Rural	389	25,338,271	396	28,382,855
TOTAL	747	44,516,363	773	50,144,740
<u>GENERAL SURGERY</u>				
Urban	59	5,607,059	57	6,414,776
Rural	42	3,914,695	43	4,467,075
TOTAL	101	9,521,754	100	10,881,851
<u>INTERNAL MEDICINE</u>				
Urban	79	4,817,550	85	5,462,138
Rural	26	1,180,163	32	1,505,808
TOTAL	105	5,997,713	117	6,967,946
<u>NEUROLOGY</u>				
Urban	10	720,513	11	894,419
Rural	-	-	-	-
TOTAL	10	720,513	11	894,419
<u>NEUROSURGERY</u>				
Urban	6	565,085	5	621,892
Rural	-	-	-	-
TOTAL	6	565,085	5	621,892
<u>OBSTETRICS & GYNAECOLOGY</u>				
Urban	28	2,442,025	30	2,904,921
Rural	9	768,697	9	1,018,806
TOTAL	37	3,210,722	39	3,923,727
<u>OPHTHALMOLOGY</u>				
Urban	20	2,656,612	23	3,330,452
Rural	4	517,805	4	539,436
TOTAL	24	3,174,417	27	3,869,888

1. Urban areas are defined as areas with population over 35,000. These areas include: Sydney Urban area within a perimeter bounded by North Sydney, Sydney City and Glace Bay. The Halifax-Dartmouth area within a perimeter bounded by Halifax, Middle Sackville and Dartmouth.

Table 3.0 (Continued)

Specialty	12 Months Ended March 31, 1981		12 Months Ended March 31, 1982	
	Physicians	Amount Paid	Physicians	Amount Paid
<u>OPHTHALMOLOGY & OTOLARYNGOLOGY²</u>				
TOTAL	7	\$ 425,683	6	\$ 358,217
<u>OTOLARYNGOLOGY</u>				
Urban	15	1,895,416	16	2,359,198
Rural	4	318,800	4	398,847
TOTAL	19	2,214,216	20	2,758,045
<u>ORTHOPAEDIC SURGERY</u>				
TOTAL	12	1,815,644	13	1,977,847
<u>PAEDIATRICS</u>				
Urban	38	1,463,181	37	1,840,786
Rural	6	233,168	6	357,033
TOTAL	44	1,696,349	43	2,197,819
<u>PHYSICAL MEDICINE</u>				
Urban	5	499,998	5	582,787
Rural	-	-	-	-
TOTAL	5	499,998	5	582,787
<u>PLASTIC SURGERY</u>				
Urban	4	657,262	5	774,631
Rural	-	-	-	-
TOTAL	4	657,262	5	774,631
<u>PSYCHIATRY</u>				
Urban	45	2,062,242	47	2,636,581
Rural	15	366,168	15	472,369
TOTAL	60	2,428,410	62	3,108,950
<u>RADIOLOGY</u>				
Urban	40	488,442	44	528,318
Rural	16	132,687	18	174,401
TOTAL	56	621,129	62	702,719
<u>UROLOGY</u>				
Urban	12	1,281,758	12	1,479,600
Rural	4	431,357	4	483,717
TOTAL	16	1,713,115	16	1,963,317
<u>ALL PHYSICIANS</u>				
Urban	773	\$49,252,369	816	\$57,391,627
Rural	526	\$33,941,703	544	\$38,665,795
Sub-Total	1,299	\$83,194,072	1,360	\$96,057,422
Out-Of-Province		1,184,068		1,501,145
TOTAL	1,299	\$84,378,140	1,360	\$97,558,567

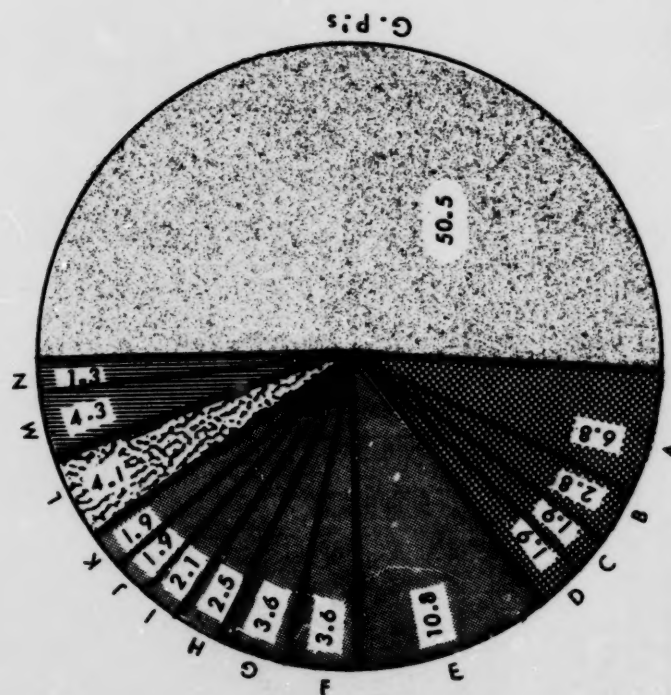
2. The urban and rural distribution of ophthalmology & otolaryngology and orthopaedic surgery have not been shown to preserve confidentiality.

Figure 3

PAYMENTS TO PHYSICIANS, BY SPECIALTY
(IN PERCENT OF TOTAL)

- 13 -

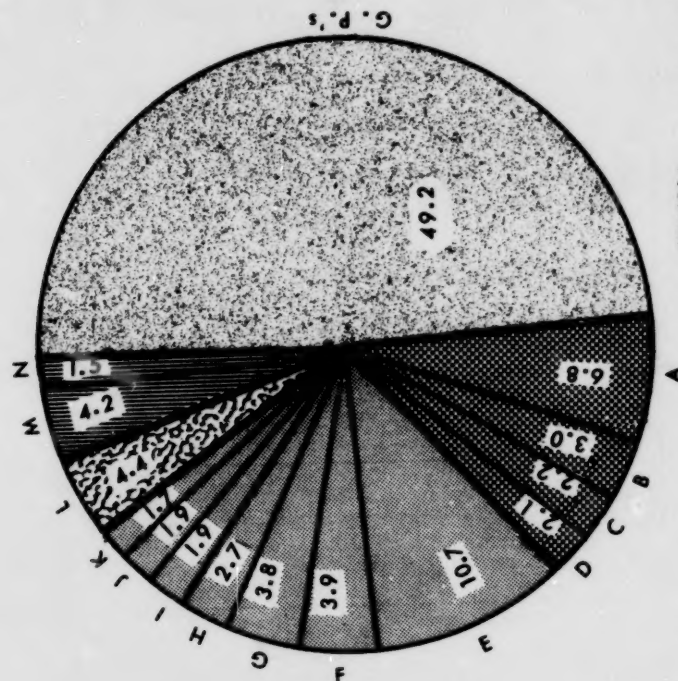
1980-81



MEDICAL SPECIALTIES:

A	INTERNAL MEDICINE
B	PSYCHIATRY
C	PAEDIATRICS
D	NEUROLOGY
	DERMATOLOGY
	PHYS. MEDICINE
80-81 81-82	
	.8 .9
	.5 .6
	.6 .6

1981-82



SURGICAL SPECIALTIES:

E	GENERAL SURGERY
F	OBST. & GYN.
G	OPHTHALMOLOGY
H	OTOLOGY
I	ORTH. SURGERY
J	UROLOGY
K	OPHTH. & OTOLAR.
	PLASTIC SURG.
	NEUROSURG.
-81 -82	
	.5 .4
	.8 .8
	.6 .6

OTHERS:

L	ANAESTHESIA
M	RADIOLOGY
N	SALARIED PHYSICIANS
	OUT-OF-PROVINCE
-81 -82	
	3.4 3.7
	.7 .7

Figure 4

Percent and Amount of Increase in Payments to Each Specialty
12 Months Ended March 31, 1982 Over 12 Months Ended March 31, 1981

Specialty	-10.0	+0	+10.0	+20.0	+30.0	+40.0	Amount Of Change (1982-1981)	Number Of Physicians 1981 1982
Ophthalmology & Otolaryngology							\$ -67,466	7 6
Orthopaedic Surgery							162,203	12 13
Neurosurgery							56,807	6 5
General Practice							5,628,377	747 773
Radiology							81,590	56 62
General Surgery							1,360,097	101 100
Urology							250,202	16 16
Physical Medicine							82,789	5 5
Internal Medicine							970,233	105 117
Plastic Surgery							117,369	4 5
Ophthalmology							695,471	24 27
Obstetrics & Gynaecology							713,005	37 39
Neurology							173,906	10 11
Anaesthesia							737,981	41 49
Otolaryngology							543,829	19 20
Psychiatry							680,540	60 62
Paediatrics							501,470	44 43
Dermatology							174,947	5 7
NOVA SCOTIA - All Specialists							\$12,863,350	1,299 1,360

Physicians Services

Table 3.1

Distribution of Physicians by Specialty and County

County	General Practice		Internal Medicine ²		Neurology		Paediatrics		Dermatology		General Surgery		Thoracic Surgery ³	
	1980-81	1981-82	1980-81	1981-82	1980-81	1981-82	1980-81	1981-82	1980-81	1981-82	1980-81	1981-82	1980-81	1981-82
Annapolis	16	17	2	2	-	-	-	-	-	-	2	2	-	-
Antigonish	21	23	5	5	-	-	-	-	-	-	2	2	-	-
Cape Breton	82	83	7	8	-	-	2	2	-	-	19	19	-	-
Colchester	31	31	2	2	-	-	-	-	-	-	4	4	-	-
Cumberland	30	32	1	1	-	-	-	-	-	-	2	2	-	-
Digby	19	19	-	-	-	-	-	-	-	-	3	3	-	-
Guysborough	10	10	1	1	-	-	-	-	-	-	-	-	-	-
Halifax	303	320	72	77	10	11	36	35	5	7	38	36	2	2
Hants	33	32	-	1	-	-	-	-	-	-	2	2	-	-
Inverness	16	13	-	-	-	-	-	-	-	-	3	3	-	-
Kings	51	48	4	5	-	-	2	2	-	-	8	8	-	-
Lunenburg	35	42	1	3	-	-	2	2	-	-	5	6	-	-
Pictou	44	46	4	4	-	-	1	1	-	-	4	4	-	-
Queens	6	6	1	1	-	-	-	-	-	-	2	2	-	-
Richmond	4	6	-	-	-	-	-	-	-	-	-	-	-	-
Shelburne	14	16	-	-	-	-	-	-	-	-	1	1	-	-
Victoria	6	6	1	1	-	-	-	-	-	-	-	-	-	-
Yarmouth	26	23	4	6	-	-	1	1	-	-	4	4	-	-
TOTAL	747	773	105	117	10	11	44	43	5	7	99	98	2	2

1. All Physicians who received fee-for-service payments are included in this table.

2. Includes Public Health (2) and Pathology (12).

3. Included with General Surgery in Tables 3.0 and 3.2.

Table 3.1 (Continued)

County	Neurosurgery		Plastic Surgery		Orthopaedic Surg.		Urology		Obstetrics & Gynaecology		Anaesthesia		Radiology	
	1980-81	1981-82	1980-81	1981-82	1980-81	1981-82	1980-81	1981-82	1980-81	1981-82	1980-81	1981-82	1980-81	1981-82
Annapolis	-	-	-	-	-	-	-	-	-	-	-	-	1	1
Antigonish	-	-	-	-	-	-	-	-	2	2	-	-	1	3
Cape Breton	1	1	-	1	1	1	2	2	4	5	4	5	5	5
Colchester	-	-	-	-	-	-	2	2	-	-	-	-	3	3
Cumberland	-	-	-	-	-	-	-	-	-	-	1	1	2	2
Digby	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Guyaborough	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Halifax	5	4	4	5	10	11	10	10	24	25	30	35	35	39
Hants	-	-	-	-	-	-	-	-	-	-	-	1	1	1
Inverness	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Kings	-	-	-	-	1	1	1	1	3	3	3	3	1	2
Lunenburg	-	-	-	-	-	-	-	-	1	1	1	2	2	2
Pictou	-	-	-	-	-	-	1	1	2	2	-	-	3	2
Queens	-	-	-	-	-	-	-	-	-	-	1	1	-	-
Richmond	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Shelburne	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Victoria	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Yarmouth	-	-	-	-	-	-	-	-	1	1	1	1	2	2
TOTAL	6	5	4	5	12	13	16	16	37	39	41	49	56	62

Table 3.1 (Continued)

County	Ophthalmology & Otolaryngology		Ophthalmology		Otolaryngology		Psychiatry		Physical Medicine		Total	
	1980-81	1981-82	1980-81	1981-82	1980-81	1981-82	1980-81	1981-82	1980-81	1981-82	1980-81	1981-82
Annapolis	-	-	-	-	-	-	-	-	-	-	21	22
Antigonish	-	-	-	-	-	-	1	1	-	-	32	36
Cape Breton	1	-	1	1	3	3	4	4	-	-	136	139
Colchester	1	1	-	-	-	-	1	1	-	-	44	44
Cumberland	-	-	1	1	1	1	1	1	-	-	39	41
Digby	-	-	-	-	-	-	-	-	-	-	22	22
Guysborough	-	-	-	-	-	-	-	-	-	-	11	11
Halifax	3	3	19	22	12	13	41	43	5	5	664	703
Hants	-	-	-	-	-	-	1	1	-	-	37	38
Inverness	-	-	-	-	-	-	-	-	-	-	19	16
Kings	2	2	1	1	1	1	5	4	-	-	83	81
Lunenburg	-	-	-	-	1	1	2	2	-	-	50	61
Pictou	-	-	1	1	-	-	-	1	-	-	60	62
Queens	-	-	-	-	-	-	-	-	-	-	10	10
Richmond	-	-	-	-	-	-	-	-	-	-	4	6
Shelburne	-	-	-	-	-	-	-	-	-	-	15	17
Victoria	-	-	-	-	-	-	-	-	-	-	7	7
Yarmouth	-	-	1	1	1	1	4	4	-	-	45	44
TOTAL	7	6	24	27	19	20	60	62	5	5	1,299	1,360

Physicians Services

Table 3.2

MSI Fee-For-Service Payments

Number of Physicians by Specialty and Payment Range¹

(1980-81 Compared With 1981-82)

	Under \$20,000	\$20,000 -39,999	\$40,000 -59,999	\$60,000 -79,999	
	1981 ²	1982 ²	1981	1982	1981
Anaesthesia	3	7	3	1	7
Dermatology	-	-	-	-	-
General Practice	160	187	119	73	88
General Surgery	17	16	8	6	4
Internal Medicine	38	43	12	14	16
Neurology	2	2	1	1	4
Neurosurgery	1	-	-	-	-
Obstetrics & Gynaecology	4	4	3	1	4
Ophthalmology	2	3	1	-	2
Ophthalmology & Otolaryngology	1	2	1	-	1
Otolaryngology	2	2	2	1	2
Orthopaedic Surgery	-	1	-	-	-
Paediatrics	17	14	10	7	6
Physical Medicine	-	-	-	-	2
Plastic Surgery	-	1	-	-	-
Psychiatry	21	18	14	12	10
Radiology	47	53	4	4	2
Urology	-	-	1	-	2
TOTAL	315	353	179	120	150
					212
					165
					168

1. This table provides data on MSI fee-for-service payments to Nova Scotia physicians. Payments for services performed by physicians at institutions on a salaried or sessional basis are not included.

2. 1981 refers to the fiscal year ending March 31, 1981 and 1982 refers to the fiscal year ending March 31, 1982.

Table 3.2 (Continued)

	\$80,000 -99,999		\$100,000 -119,999		\$120,000 -139,999		Over \$140,000		Total	
	1981	1982	1981	1982	1981	1982	1981	1982	1981	1982
Anaesthesia	11	14	7	9	2	3	-	1	41	49
Dermatology	1	5	1	1	-	-	-	-	5	7
General Practice	115	118	58	86	31	42	25	50	747	773
General Surgery	13	10	12	15	14	10	20	33	101	100
Internal Medicine	9	9	7	9	3	3	8	12	105	117
Neurology	1	1	-	1	1	-	1	2	10	11
Neurosurgery	2	-	2	1	-	2	1	1	6	5
Obstetrics & Gynaecology	6	3	8	6	5	8	3	7	37	39
Ophthalmology	4	1	1	4	5	4	8	11	24	27
Ophthalmology & Otolaryngology	3	-	-	2	-	-	-	-	7	6
Otolaryngology	2	3	-	2	1	-	8	9	19	20
Orthopaedic Surgery	2	-	2	1	3	1	5	8	12	13
Paediatrics	3	6	-	4	-	1	1	1	44	43
Physical Medicine	-	1	-	-	1	-	1	2	5	5
Plastic Surgery	-	-	-	-	1	-	3	4	4	5
Psychiatry	5	4	2	6	1	1	1	2	60	62
Radiology	1	-	-	-	-	1	-	-	56	62
Urology	4	4	1	-	4	4	3	5	16	16
TOTAL	182	179	101	147	72	80	88	148	1,299	1,360

Figure 5

NUMBER OF PHYSICIANS PAID, BY PAYMENT RANGE
(FEE - FOR - SERVICE)

(1) ALL PHYSICIANS

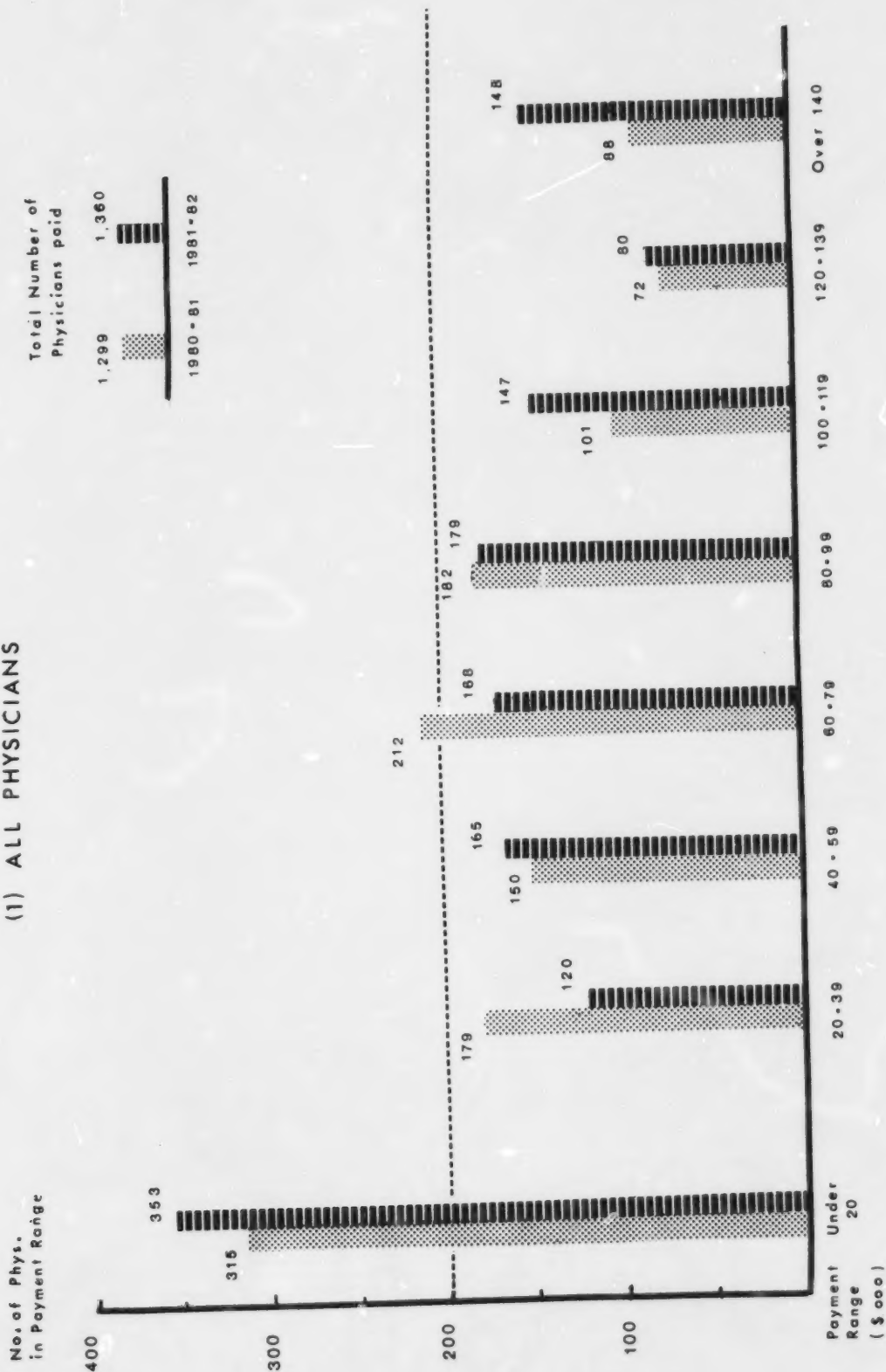


Figure 6

NUMBER OF PHYSICIANS PAID, BY PAYMENT RANGE
(FEE - FOR - SERVICE)

(2) GENERAL PRACTITIONERS

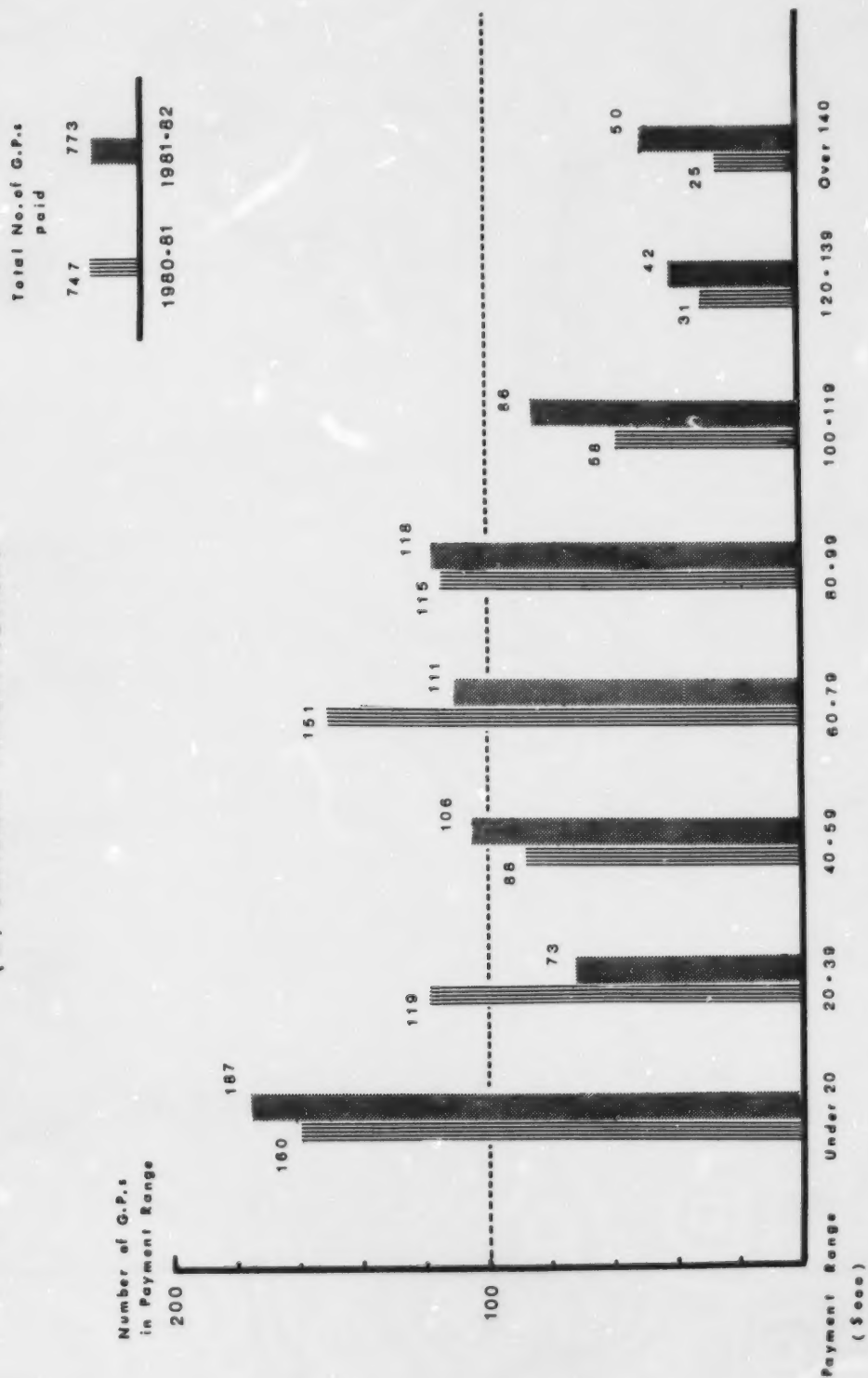
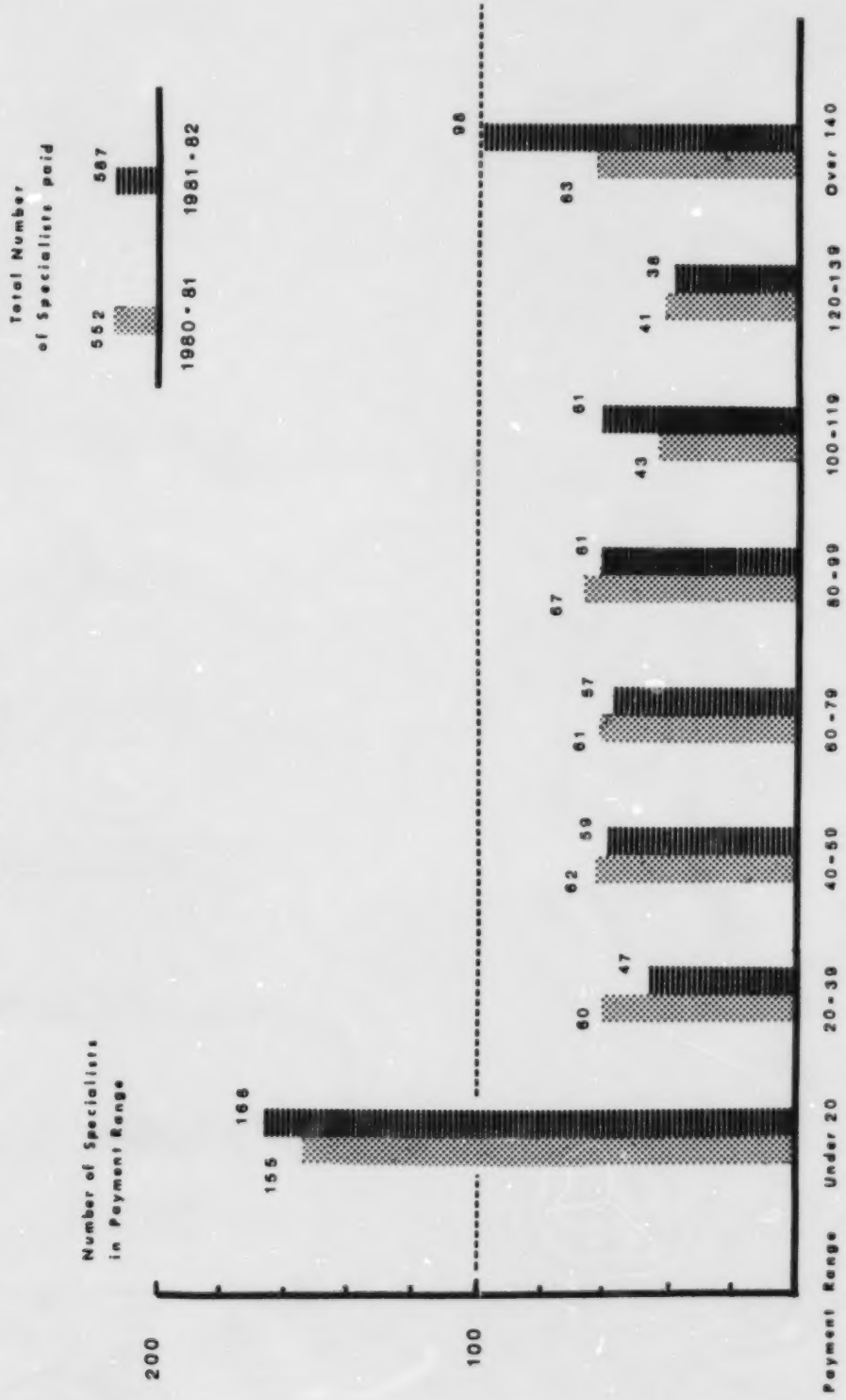


Figure 7

NUMBER OF PHYSICIANS PAID, BY PAYMENT RANGE
(FEE - FOR - SERVICE)

(3) SPECIALISTS



Physicians Services

Table 4.0

Number of Services by Type of Service

	<u>12 Months Ended</u> <u>March 31, 1981</u>		<u>12 Months Ended</u> <u>March 31, 1982</u>		<u>Percent</u> <u>Change</u> <u>Services</u>
	<u>Services</u>	<u>% Of</u> <u>Total</u>	<u>Services</u>	<u>% Of</u> <u>Total</u>	
Consultations	225,371	4.2	250,305	4.5	11.1
Office Visits	2,664,309	49.1	2,691,028	48.4	1.0
Home Visits	210,342	3.9	207,118	3.7	- 1.5
Hospital Visits	888,843	16.4	885,244	15.9	- 0.4
Emergency & Out- Patient Dept. Visits	400,390	7.4	414,092	7.4	3.4
Intensive Care	28,068	0.5	31,513	0.6	12.3
Psychiatric Services	101,823	1.9	115,422	2.1	13.4
<u>Sub-Total</u>	<u>4,519,146</u>	<u>83.4</u>	<u>4,594,722</u>	<u>82.6</u>	<u>1.7</u>
Eye Examinations	88,562	1.6	85,351	1.6	- 3.6
Other Diag. & Ther.	348,958	6.5	363,202	6.5	4.1
<u>Sub-Total</u>	<u>437,520</u>	<u>8.1</u>	<u>448,553</u>	<u>8.1</u>	<u>2.5</u>
Confinements	12,365	0.2	13,295	0.2	7.5
Obstetrical Care ¹	82,755	1.5	131,362	2.4	58.7
<u>Sub-Total</u>	<u>95,120</u>	<u>1.7</u>	<u>144,657</u>	<u>2.6</u>	<u>52.1</u>
Major Surgery	56,415	1.0	57,393	1.0	1.7
Minor Surgery	120,313	2.2	121,646	2.2	1.1
Surgical Assist	19,491	0.4	19,156	0.4	- 1.7
Anaesthesia ²	84,849	1.6	84,371	1.5	- 0.6
<u>Sub-Total</u>	<u>281,068</u>	<u>5.2</u>	<u>282,566</u>	<u>5.1</u>	<u>0.5</u>
<u>All Other Services³</u>	<u>87,379</u>	<u>1.6</u>	<u>94,512</u>	<u>1.7</u>	<u>8.2</u>
<u>TOTAL</u>	<u>5,420,233</u>	<u>100.0</u>	<u>5,565,010</u>	<u>100.0</u>	<u>2.7</u>

1. Obstetrical care includes pre- and post-natal care. Since April 1980 pre- and post-natal care visits have been shown as separate services, while prior to that a comprehensive fee covered both the confinement and pre- and post-natal care. A number of claims during 1980-81 were paid at the comprehensive rate, and therefore the increase shown for 1981-82 is due largely to the change in the method of claiming for these services.
2. Includes dental anaesthesia services: 1980-81 = 4,189; 1981-82 = 4,878.
3. i.e. amounts paid for out-of-province services, independent consideration, detention fees and group immunization.

Physicians Services

Table 4.1

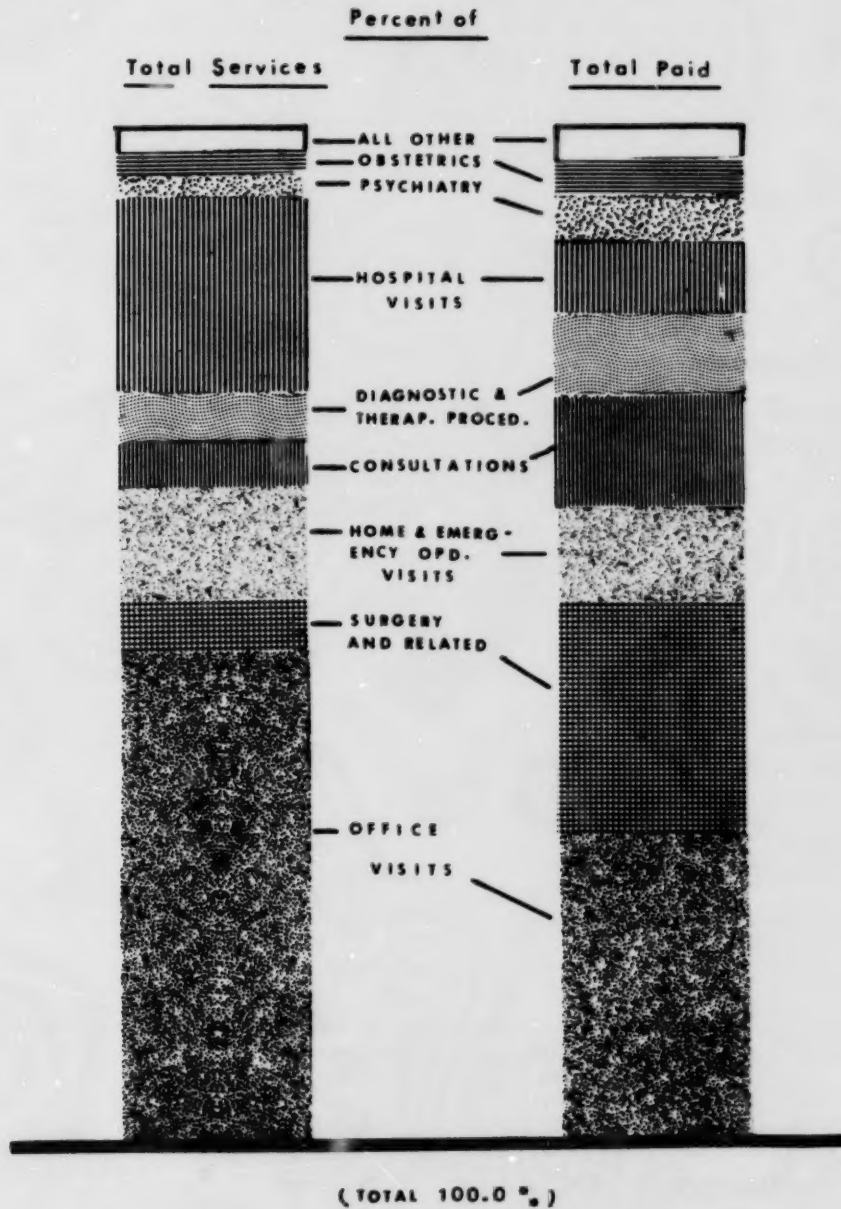
Fee-For-Service Payments - Amount Paid by Type of Service

	<u>12 Months Ended March 31, 1981</u>		<u>12 Months Ended March 31, 1982</u>		<u>% Change Amount Paid</u>
	<u>Amount Paid</u>	<u>% Of Total</u>	<u>Amount Paid</u>	<u>% Of Total</u>	
Consultations	\$ 8,757,063	10.4	\$11,011,218	11.3	25.7
Office Visits	25,922,396	30.7	29,755,140	30.5	14.8
Home Visits	3,488,222	4.1	3,787,720	3.9	8.6
Hospital Visits	6,294,158	7.5	6,948,992	7.1	10.4
Emergency & Out- Patient Dept. Visits	4,852,321	5.8	5,578,863	5.7	15.0
Intensive Care	614,898	0.7	826,253	0.8	34.4
Psychiatric Services	3,327,926	3.9	4,258,368	4.4	28.0
Sub-Total	\$53,256,984	63.1	\$62,166,554	63.7	16.7
Eye Examinations	1,917,136	2.3	2,027,233	2.1	5.7
Other Diag. & Ther.	4,766,628	5.6	5,861,752	6.0	23.0
Sub-Total	\$ 6,683,764	7.9	\$ 7,888,985	8.1	18.0
Confinements	1,953,204	2.4	1,615,506	1.7	-17.3
Obstetrical Care ¹	1,276,150	1.5	2,139,363	2.2	67.6
Sub-Total	\$ 3,229,354	3.9	\$ 3,754,869	3.9	16.3
Major Surgery	10,140,726	12.0	11,248,195	11.5	10.9
Minor Surgery	3,313,734	4.0	3,612,798	3.7	9.0
Surgical Assist	1,039,256	1.2	1,120,931	1.2	7.9
Anaesthesia ²	4,997,636	5.9	5,520,322	5.6	10.5
Sub-Total	\$19,491,352	23.1	\$21,502,246	22.0	10.3
All Other Services ³	1,716,686	2.0	2,245,913	2.3	30.8
TOTAL	\$84,378,140	100.0	\$97,558,567	100.0	15.6

1. Obstetrical care includes pre- and post-natal care. Since April 1980 pre- and post-natal care visits have been shown as separate services, while prior to that a comprehensive fee covered both the confinement and pre- and post-natal care. A number of claims during 1980-81 were paid at the comprehensive rate, and therefore the decrease in payments for confinements and the increase for obstetrical care are due largely to the change in the method of claiming for these services.
2. Includes dental anaesthesia services: 1980-81 = \$210,267; 1981-82 = \$221,586
3. i.e., amounts paid for out-of-province services, independent consideration, detention fees and group immunization.

FISCAL YEAR 1981-82

DISTRIBUTION OF PHYSICIANS SERVICES



Physicians Services
Table 4.2
Fee-For-Service Payments
Services and Amount Paid Per 1,000 Insured Persons¹

	Number Of Services Per 1,000 Insured 12 Months Ended March 31		Amount Paid Per 1,000 Insured 12 Months Ended March 31	
	1981	1982	1981	1982
Consultations	271	300	\$ 10,538	\$ 13,203
Office Visits	3,206	3,227	31,194	35,678
Home Visits	253	248	4,198	4,541
Hospital Visits	1,070	1,061	7,574	8,332
Emergency & Out- Patient Dept. Visits	482	497	5,839	6,689
Intensive Care	34	38	740	991
Psychiatric Services	122	138	4,005	5,106
Sub-Total	5,438	5,509	\$ 64,088	\$ 74,540
Eye Examinations	107	102	2,307	2,431
Other Diag. & Ther.	420	435	5,736	7,028
Sub-Total	527	538	\$ 8,043	\$ 9,459
Confinements ²	15	16	2,350	1,937
Obstetrical Care ²	100	158	1,536	2,566
Sub-Total	115	174	\$ 3,886	\$ 4,503
Major Surgery	68	69	12,203	13,487
Minor Surgery	145	146	3,988	4,332
Surgical Assist	23	23	1,250	1,344
Anaesthesia	102	101	6,014	6,619
Sub-Total	338	339	\$ 23,455	\$ 25,782
All Other Services ²	105	113	2,066	2,693
TOTAL	6,523	6,673	\$101,538	\$116,977

1. Estimates of insured population as of October 1 are shown below. The 1980-81 estimates have been revised as a result of the 1981 census.

	<u>1980-81</u>	<u>1981-82</u>
Total Insured Population	831,000	834,000

2. See notes 1 and 2 on Tables 4.0 and 4.1.

Physicians Services

Table 5.0

MSI Services and Payments for Major, Minor and Repeat Consultations

By Specialty

Specialty Of Physician	12 Months Ended March 31, 1981		12 Months Ended March 31, 1982		Percent Change Services
	Services	Amount Paid	Services	Amount Paid	
Anaesthesia	114	\$ 3,313	77	\$ 2,460	-32.5
Dermatology	9,493	348,139	10,847	422,504	14.3
General Practice	10,743	313,813	10,959	350,022	2.0
General Surgery	28,539	787,291	31,782	1,019,354	11.4
Internal Medicine	51,686	2,729,469	55,138	3,224,881	6.7
Neurology	10,934	578,597	12,905	751,238	18.0
Neurosurgery	3,999	130,781	3,864	148,208	- 3.4
Obstetrics & Gynaecology	16,534	501,521	19,947	699,105	20.6
Ophthalmology	17,015	529,016	21,548	798,587	26.6
Ophthalmology & Otolaryngology	1,077	32,405	787	26,279	-26.9
Otolaryngology	18,360	584,034	20,948	787,709	14.1
Orthopaedic Surgery	17,299	527,007	16,792	603,073	- 2.9
Paediatrics	11,680	614,704	15,169	883,630	29.9
Physical Medicine	6,197	298,924	6,461	341,020	4.3
Plastic Surgery	4,849	102,373	5,186	124,621	7.0
Psychiatry	7,312	387,693	7,847	465,260	7.3
Radiology	384	11,908	481	17,399	25.3
Urology	9,156	276,075	9,567	345,868	4.5
TOTAL	225,371	\$8,757,063	250,305	\$11,011,218	11.1

Physicians Services

Table 5.1

MSI Services and Payments for Office Visits by Specialty

Specialty Of Physician	12 Months Ended March 31, 1981		12 Months Ended March 31, 1982		Percent Change Services
	Services	Amount Paid	Services	Amount Paid	
Anaesthesia	9,185	\$ 86,758	7,390	\$ 78,590	-19.5
Dermatology	6,712	76,501	7,629	99,698	13.7
General Practice	2,310,617	21,957,330	2,327,450	25,101,905	0.7
General Surgery	148,913	1,524,912	152,335	1,797,593	2.3
Internal Medicine	23,520	306,161	23,528	350,365	-
Neurology	1,761	31,252	944	11,568	-46.4
Neurosurgery	647	10,749	522	10,560	-19.3
Obstetrics & Gynaecology	26,810	312,684	28,529	383,171	6.4
Ophthalmology	30,502	301,850	33,453	373,596	9.7
Ophthalmology & Otolaryngology	5,964	61,321	4,136	46,308	-30.6
Otolaryngology	27,522	373,644	30,411	447,683	10.5
Orthopaedic Surgery	12,181	145,922	10,182	151,832	-16.4
Paediatrics	28,415	392,393	29,809	462,794	4.9
Physical Medicine	1,328	15,380	1,165	14,877	-12.3
Plastic Surgery	6,310	61,981	6,125	73,488	- 2.9
Psychiatry	1,522	25,469	2,109	42,399	38.6
Radiology	7,658	72,077	9,568	102,382	24.9
Urology	14,742	166,012	15,743	206,331	6.8
TOTAL	2,664,309	\$25,922,396	2,691,028	\$29,755,140	1.0

Physicians Services

Table 5.2

MSI Services and Payments for Home Visits by Specialty

Specialty Of Physician	12 Months Ended March 31, 1981		12 Months Ended March 31, 1982		Percent Change Services
	Services	Amount Paid	Services	Amount Paid	
Anaesthesia	1,834	\$ 22,277	1,931	\$ 26,264	5.3
Dermatology	2	35	3	63	--
General Practice	194,453	3,229,785	189,577	3,482,518	- 2.5
General Surgery	10,151	172,806	11,498	205,177	3.3
Internal Medicine	2,233	30,264	1,837	27,059	-17.7
Neurology	6	99	2	33	--
Neurosurgery	1	15	-	-	--
Obstetrics & Gynaecology	291	5,817	589	12,339	102.4
Ophthalmology	24	477	17	336	--
Ophthalmology & Otolaryngology	2	35	14	251	--
Otolaryngology	14	346	29	712	--
Orthopaedic Surgery	11	193	32	606	--
Paediatrics	729	13,873	839	17,397	15.1
Physical Medicine	1	24	35	211	...
Plastic Surgery	8	159	12	262	--
Psychiatry	91	1,572	108	1,846	18.7
Radiology	403	8,277	540	11,651	34.0
Urology	88	1,368	55	995	-37.5
TOTAL	210,342	\$3,488,422	207,118	\$3,787,720	- 1.5

Physicians Services

Table 5.3

MSI Services and Payments for Hospital Visits by Specialty

Specialty Of Physician	12 Months Ended March 31, 1981		12 Months Ended March 31, 1982		Percent Change Services
	Services	Amount Paid	Services	Amount Paid	
Anaesthesia	6,905	\$ 46,156	6,573	\$ 49,834	- 4.8
Dermatology	1,782	14,737	1,421	13,003	-20.3
General Practice	516,423	3,410,210	517,327	3,807,851	0.2
General Surgery	106,142	744,165	103,654	812,029	- 2.3
Internal Medicine	145,156	1,182,394	140,013	1,262,897	- 3.5
Neurology	4,742	41,210	5,818	53,088	22.7
Neurosurgery	9,219	68,552	8,361	69,772	- 9.3
Obstetrics & Gynaecology	12,235	99,712	12,784	113,105	4.5
Ophthalmology	930	7,866	726	6,466	-21.9
Ophthalmology & Otolaryngology	26	280	8	74	--
Otolaryngology	1,240	10,050	812	8,068	-34.5
Orthopaedic Surgery	7,137	53,476	6,352	55,091	-11.0
Paediatrics	26,493	241,365	28,459	295,912	7.4
Physical Medicine	13,109	84,513	15,060	90,121	14.9
Plastic Surgery	2,376	18,316	3,167	25,156	33.3
Psychiatry	18,392	128,919	17,891	132,259	- 2.7
Radiology	1,703	11,690	2,170	17,764	27.4
Urology	14,833	130,547	14,648	136,502	- 1.2
TOTAL	888,843	\$6,294,158	885,244	\$6,948,992	- 0.4

Physicians Services

Table 5.4

MSI Services and Payments for Emergency & Out-Patient Dept. Visits

By Specialty

Specialty Of Physician	12 Months Ended March 31, 1981		12 Months Ended March 31, 1982		Percent Change Services
	Services	Amount Paid	Services	Amount Paid	
Anaesthesia	6,657	\$ 57,848	7,142	\$ 65,411	7.3
Dermatology	5	42	64	587	...
General Practice	364,478	4,446,565	375,178	5,109,474	2.9
General Surgery	16,722	185,202	17,330	209,690	3.6
Internal Medicine	978	10,373	736	9,021	-24.7
Neurology	8	67	3	27	--
Neurosurgery	3	25	9	88	--
Obstetrics & Gynaecology	1,546	19,338	1,761	23,751	13.9
Ophthalmology	28	350	37	458	--
Ophthalmology & Otolaryngology	-	-	2	46	...
Otolaryngology	35	515	123	1,765	251.4
Orthopaedic Surgery	354	2,958	1,418	12,741	300.6
Paediatrics	8,479	118,132	8,722	128,655	2.9
Physical Medicine	4	33	9	80	--
Plastic Surgery	154	1,824	539	5,392	250.0
Psychiatry	12	193	9	137	--
Radiology	1	8	13	260	--
Urology	926	8,848	997	11,280	7.7
TOTAL	400,390	\$4,852,321	414,092	\$5,578,863	3.4

Physicians Services

Table 5.5

MSI Services and Payments for Psychiatric Services¹ by Specialty

Specialty Of Physician	12 Months Ended March 31, 1981		12 Months Ended March 31, 1982		Percent Change Services
	Services	Amount Paid	Services	Amount Paid	
Anaesthesia	33	\$ 608	13	\$ 321	--
General Practice	59,028	1,414,447	63,576	1,731,773	7.7
General Surgery	173	3,622	285	6,970	64.7
Internal Medicine	445	14,536	476	16,842	7.0
Obstetrics & Gynaecology	101	2,232	517	12,702	411.9
Ophthalmology	1	42	-	-	...
Orthopaedic Surgery	2	80	1	24	--
Neurology	4	139	70	1,721	--
Neurosurgery	-	-	1	20	...
Paediatrics	199	5,026	556	15,687	170.4
Plastic Surgery	-	-	1	21	...
Psychiatry	41,656	1,883,497	49,669	2,466,185	19.2
Radiology	179	3,658	257	6,102	43.6
Urology	2	39	-	-	...
TOTAL	101,823	\$3,327,926	115,422	\$4,258,368	13.4

1. Psychiatric Services are comprised of the following services:

	1980-81		1981-82	
	<u>Services</u>	<u>Paid</u>	<u>Services</u>	<u>Paid</u>
Psychotherapy & Family Therapy	97,558	\$3,211,695	109,378	\$4,056,781
Other Services	4,265	116,231	6,044	201,587

Physicians Services

Table 5.6

MSI Services and Payments for Diagnostic and Therapeutic
Procedures by Specialty

Specialty Of Physician	12 Months Ended March 31, 1981		12 Months Ended March 31, 1982		Percent Change Services
	Services	Amount Paid	Services	Amount Paid	
Part A. List I Procedures - Eye Examinations					
Anaesthesia	-	\$ -	1	\$ 24	...
General Practice	19,681	423,554	19,390	457,058	- 1.5
General Surgery	1	22	2	48	--
Internal Medicine	1	22	1	24	--
Neurology	-	-	3	71	...
Ophthalmology	54,871	1,191,241	54,442	1,296,858	- 0.8
Ophthalmology & Otolaryngology	13,383	288,864	10,996	260,992	-17.8
Otolaryngology	624	13,413	512	12,063	-17.9
Paediatrics	-	-	4	95	...
Radiology	1	20	-	-	...
TOTAL	88,562	\$1,917,136	85,351	\$2,027,233	- 3.6
Part B. List I Procedures - Other Than Eye Examinations					
Anaesthesia	540	\$ 1,899	579	\$ 2,280	7.2
General Practice:					
Injections	28,164	100,393	27,935	108,733	- 0.8
Hyposensitization	51,475	184,627	43,454	170,081	-15.6
Other List I	2,968	10,516	2,083	8,017	-29.8
Total General Practice	82,607	295,536	73,472	286,831	-11.1
General Surgery	2,975	10,606	2,932	11,347	- 1.4
Internal Medicine	594	2,127	687	2,685	15.7
Obstetrics & Gynaecology	106	378	62	239	-41.5
Ophthalmology	2	7	1	4	--
Otolaryngology	1	3	4	18	--
Paediatrics	909	3,252	853	3,346	- 6.2
Psychiatry	-	-	1	4	...
Radiology	178	634	127	492	-28.6
Urology	58	208	36	140	-37.9
TOTAL	87,970	\$ 314,650	78,754	\$ 307,386	-10.5

Physicians Services
Table 5.6 (Continued)
MSI Services and Payments for Diagnostic and Therapeutic
Procedures by Specialty

Specialty Of Physician	12 Months Ended March 31, 1981		12 Months Ended March 31, 1982		Percent Change Services
	Services	Amount Paid	Services	Amount Paid	
Part C. List II Procedures					
Anaesthesia	1,960	\$ 45,207	2,214	\$ 68,812	13.0
Dermatology	798	7,810	858	8,080	7.5
General Practice:					
Pap Smear	67,096	398,067	69,281	447,734	3.3
Injection, Joint Bursa	10,408	137,605	11,191	162,142	7.5
Vaccination	41	244	2	13	--
Sigmoidoscopic Exam.	3,240	57,690	3,376	65,396	4.2
Intravenous	11,514	68,400	12,399	80,110	7.7
Arteriography	392	24,299	550	35,626	40.3
Electrocardiogram	20	184	10	123	--
Other List II	44,268	562,975	48,455	680,968	9.5
Total General Practice	136,979	1,249,464	145,264	1,472,112	6.1
General Surgery	18,339	669,408	20,959	921,340	14.3
Internal Medicine	33,374	1,309,336	35,776	1,576,952	7.2
Neurology	2,789	68,876	2,606	76,613	- 6.6
Neurosurgery	188	6,128	142	4,686	-24.5
Obstetrics &					
Gynaecology	2,587	24,926	2,023	23,001	-21.8
Ophthalmology	15,271	192,846	19,376	293,007	26.9
Ophthalmology &					
Otolaryngology	2,342	30,098	1,365	16,784	-41.7
Otolaryngology	17,346	247,657	23,351	367,748	34.6
Orthopaedic Surgery	229	3,262	272	4,526	18.8
Paediatrics	3,727	83,580	4,829	148,224	29.6
Physical Medicine	2,094	69,057	2,586	100,681	23.5
Plastic Surgery	25	277	50	691	--
Psychiatry	12	159	2	38	--
Radiology	21,586	429,219	21,135	452,328	- 2.1
Urology	1,342	14,668	1,640	18,743	22.2
TOTAL	260,988	\$4,451,978	284,448	\$5,554,366	9.0

Physicians Services
Table 5.6 (Continued)
MSI Services and Payments for Diagnostic and Therapeutic
Procedures by Specialty

Specialty Of Physician	12 Months Ended March 31, 1981		12 Months Ended March 31, 1982		Percent Change Services
	Services	Amount Paid	Services	Amount Paid	
Part D. All Diagnostic and Therapeutic Procedures					
Anaesthesia	2,500	\$ 47,106	2,794	\$ 711,116	11.8
Dermatology	798	7,810	858	8,080	7.5
General Practice	239,267	1,968,554	238,126	2,216,001	- 0.5
General Surgery	21,315	680,036	23,893	932,735	12.1
Internal Medicine	33,969	1,311,485	36,460	1,579,647	7.3
Neurology	2,789	68,875	2,609	76,684	- 6.4
Neurosurgery	188	6,128	142	4,686	-24.5
Obstetrics & Gynaecology	2,693	25,304	2,085	23,240	-22.6
Ophthalmology	70,144	1,384,094	73,819	1,589,869	5.2
Ophthalmology & Otolaryngology	15,725	318,962	12,361	277,775	-21.4
Otolaryngology	17,971	261,074	23,867	379,829	32.8
Orthopaedic Surgery	229	3,262	272	4,526	18.8
Paediatrics	4,636	86,832	5,686	151,665	22.7
Physical Medicine	2,094	69,057	2,589	100,696	23.6
Plastic Surgery	25	277	50	691	--
Psychiatry	12	159	3	42	--
Radiology	21,765	429,873	21,263	452,820	- 2.3
Urology	1,400	14,876	1,676	18,883	19.7
TOTAL	437,520	\$6,683,764	448,553	\$7,888,985	2.5

Physicians Services

Table 5.7

MSI Services and Payments for Confinements and Obstetrical Care
By Specialty

Specialty Of Physician	12 Months Ended March 31, 1981		12 Months Ended March 31, 1982		Percent Change Services
	Services	Amount Paid	Services	Amount Paid	
Part A. Confinements					
Anaesthesia	79	\$ 10,746	36	\$ 3,227	--
General Practice	8,429	1,238,348	8,823	816,276	4.7
General Surgery	499	94,947	450	85,879	- 9.8
Obstetrics & Gynaecology	3,345	607,598	3,969	708,464	18.7
Paediatrics	10	916	15	1,366	--
Ophthalmology	1	202	1	202	--
Urology	2	447	1	92	--
TOTAL	12,365	\$1,953,204	13,295	\$1,615,506	7.5

Part B. Obstetrical Care ¹					
Anaesthesia	780	\$ 11,985	487	\$ 7,081	-37.6
Dermatology	169	752	-	-	...
General Practice	73,419	1,117,313	116,576	1,862,633	58.8
General Surgery	1,065	13,533	1,660	22,654	55.9
Obstetrics & Gynaecology	6,089	115,769	11,216	228,283	84.2
Ophthalmology	-	-	1	26	...
Paediatrics	1,215	16,405	1,230	16,003	1.2
Radiology	9	159	163	2,083	--
Urology	9	234	29	600	--
TOTAL	82,755	\$1,276,150	131,362	\$2,139,363	58.7

1. Obstetrical care includes pre and post natal care. Since April 1980 pre and post natal care visits have been shown as separate services, while prior to that a comprehensive fee covered both the confinement and pre and post natal care. A number of claims during 1980-81 were paid at the comprehensive rate, and therefore the decrease in payments for confinements and the increase for obstetrical care are due largely to the change in the method of claiming for these services.

Physicians Services

Table 5.8

MSI Services and Payments for Surgical Services by Specialty

Specialty Of Physician	12 Months Ended March 31, 1981		12 Months Ended March 31, 1982		Percent Change Services
	Services	Amount Paid	Services	Amount Paid	
Part A. Major Surgical Services					
Anaesthesia	12	\$ 918	20	\$ 1,754	--
Dermatology	4	595	1	186	--
General Practice	4,579	602,315	4,244	637,234	- 7.3
General Surgery	23,158	4,557,574	23,149	4,959,649	-
Internal Medicine	49	5,678	33	4,052	--
Neurosurgery	1,933	319,537	1,881	356,016	- 2.7
Obstetrics & Gynaecology	7,825	1,146,707	8,787	1,383,439	12.3
Ophthalmology	3,624	846,991	3,734	944,724	3.0
Ophthalmology & Otolaryngology	26	2,538	12	2,921	--
Otolaryngology	2,529	499,454	2,829	606,221	11.9
Orthopaedic Surgery	6,474	1,013,428	6,293	1,076,443	- 2.8
Paediatrics	13	982	13	1,180	-
Physical Medicine	3	357	17	2,368	--
Plastic Surgery	2,371	392,145	2,568	455,117	8.3
Radiology	149	21,993	124	20,276	-16.8
Urology	3,666	729,514	3,688	796,315	0.6
TOTAL	56,415	\$10,140,726	57,393	\$11,248,195	1.7

Physicians Services

Table 5.8 (Continued)

MSI Services and Payments for Surgical Services by Specialty

Specialty Of Physician	12 Months Ended March 31, 1981		12 Months Ended March 31, 1982		Percent Change Services
	Services	Amount Paid	Services	Amount Paid	
<u>Part B. Minor Surgical Services</u>					
Anaesthesia	357	\$ 6,480	361	\$ 7,424	1.1
Dermatology	1,212	23,732	1,621	38,765	33.8
General Practice	71,079	1,522,736	71,826	1,645,646	1.1
General Surgery	14,575	483,007	14,487	522,562	- 0.6
Internal Medicine	832	26,747	985	36,989	18.4
Neurology	14	247	1	12	--
Neurosurgery	58	1,905	45	1,874	--
Obstetrics & Gynaecology	6,932	229,563	7,697	271,697	11.0
Ophthalmology	1,719	51,240	1,648	54,885	- 4.1
Ophthalmology & Otolaryngology	387	10,036	209	4,547	-46.0
Otolaryngology	9,923	437,366	9,732	471,058	- 1.9
Orthopaedic Surgery	1,417	50,571	921	34,767	-35.0
Paediatrics	317	6,580	431	9,244	36.0
Physical Medicine	4	101	15	424	--
Plastic Surgery	1,894	62,642	2,100	75,197	10.9
Psychiatry	1	30	2	42	--
Radiology	1,857	57,947	1,882	62,408	1.4
Urology	7,735	342,804	7,683	375,257	- 0.7
TOTAL	120,313	\$3,313,734	121,646	\$3,612,798	1.1

Physicians Services

Table 5.8 (Continued)

MSI Services and Payments for Surgical Services by Specialty

Specialty Of Physician	12 Months Ended March 31, 1981		12 Months Ended March 31, 1982		Percent Change Services
	Services	Amount Paid	Services	Amount Paid	
<u>Part C. Surgical Assist Services</u>					
Anaesthesia	120	\$ 6,577	55	\$ 4,326	--
Dermatology	-	-	1	55	...
General Practice	16,385	853,206	16,300	934,986	- 0.5
General Surgery	2,089	130,680	1,907	128,258	- 8.7
Internal Medicine	37	1,868	43	2,424	--
Neurosurgery	49	4,680	62	7,200	--
Obstetrics & Gynaecology	521	26,354	385	21,118	-26.1
Ophthalmology	87	4,041	238	11,890	173.6
Otolaryngology	27	1,700	20	1,222	--
Orthopaedic Surgery	19	1,273	12	1,016	--
Paediatrics	53	2,480	70	3,651	--
Plastic Surgery	-	-	2	191	...
Radiology	3	183	-	-	--
Urology	101	6,214	61	4,594	-39.6
TOTAL	19,491	\$1,039,256	19,156	\$1,120,931	- 1.7

Part D. Anaesthesia Services

Anaesthesia	43,751	\$2,705,102	48,334	\$3,334,689	10.5
General Practice	40,164	2,259,096	34,753	2,136,815	-13.5
General Surgery	99	4,749	60	3,177	--
Internal Medicine	157	7,803	162	9,670	3.2
Neurosurgery	1	35	5	236	--
Obstetrics & Gynaecology	1	12	2	90	--
Otolaryngology	4	294	2	80	--
Paediatrics	671	20,540	1,052	35,476	56.8
Urology	1	5	1	89	--
TOTAL	84,849	\$4,997,636	84,371	\$5,520,322	- 0.6

Physicians Services

Table 5.8 (Continued)

MSI Services and Payments for Surgical Services by Specialty

Specialty Of Physician	12 Months Ended March 31, 1981		12 Months Ended March 31, 1982		Percent Change Services
	Services	Amount Paid	Services	Amount Paid	
Part E. All Surgical and Anaesthetic Services					
Anaesthesia	44,240	\$ 2,719,077	48,770	\$ 3,348,193	10.2
Dermatology	1,216	24,327	1,623	39,006	33.5
General Practice	132,207	5,237,353	127,123	5,354,684	- 3.8
General Surgery	39,921	5,176,010	39,603	5,613,941	- 0.8
Internal Medicine	1,075	42,096	1,223	53,135	13.8
Neurology	14	247	1	12	--
Neurosurgery	2,041	326,157	1,993	365,326	- 2.3
Obstetrics & Gynaecology	15,279	1,402,636	16,871	1,676,344	10.4
Ophthalmology	5,430	902,272	5,620	1,011,499	3.5
Ophthalmology & Otolaryngology	413	12,574	221	7,468	-46.5
Otolaryngology	12,483	938,814	12,583	1,078,581	0.8
Orthopaedic Surgery	7,910	1,065,272	7,226	1,112,226	- 8.6
Paediatrics	1,054	30,582	1,566	49,552	48.6
Physical Medicine	7	458	32	2,792	...
Plastic Surgery	4,265	454,787	4,670	530,505	9.5
Psychiatry	1	30	2	42	--
Radiology	2,009	80,123	2,006	82,684	- 0.1
Urology	11,503	1,078,537	11,433	1,176,256	- 0.6
TOTAL	281,068	\$19,491,352	282,566	\$21,502,246	0.5

Physicians Services

Table 5.9

MSI Services and Payments for 30 Major Categories of Service¹

Procedure(s)	1980-81		1981-82		Percent Change	
	Services	Amount Paid	Services	Amount Paid	Services	Amount Paid
SURGICAL - 20 Items of Highest Expenditure						
Digestive Tract Surgery ²	3,068	\$ 721,448	3,217	\$ 833,029	4.9	15.5
Fractures (Major and Minor)	10,649	774,850	10,298	809,896	- 3.3	4.5
Biliary Tract Surgery	2,330	678,685	2,372	764,101	1.8	12.6
Hysterectomies	2,186	517,193	2,463	665,160	12.7	28.6
Tubal Ligation	1,845	258,368	3,100	480,754	68.0	86.1
Excision of Skin Cysts and Tumors	14,520	380,927	16,698	473,075	15.0	24.2
Cataracts	1,329	388,544	1,384	440,619	4.1	13.4
Suture of Wounds	24,866	388,253	25,381	430,588	2.1	10.9
Prostatectomy	1,152	351,659	1,181	392,671	2.5	11.7
Hernia Repair Surgery	2,005	329,347	2,180	386,695	8.7	17.4
Excision of Warts	15,266	320,472	15,992	372,350	4.8	16.2
Appendectomy	1,520	294,524	1,415	314,591	- 6.9	6.8
Surgery of the Breast	2,076	259,313	2,138	305,523	3.0	17.8
Tonsillectomy	3,568	214,388	3,159	207,964	-11.5	- 3.0
Incomplete and Therapeutic Abortion	2,254	182,210	2,329	205,603	3.3	12.8
Dilation and Curettage	3,562	200,592	3,419	202,213	- 4.0	0.6
Middle Ear Repair	418	160,688	439	189,023	5.0	17.6
Perineal Repair	1,066	116,425	905	102,892	-15.1	-11.6
Haemorrhoidectomy	955	98,225	887	99,473	- 7.1	1.3
Varicose Veins	602	84,837	617	90,903	2.5	7.2
DIAGNOSTIC & THERAPEUTIC -						
10 Items of Highest Expenditure						
Gastroscopy and Oesophagoscopy	4,005	520,537	5,092	721,550	27.1	38.6
Injections	72,734	459,348	73,708	515,004	1.3	12.1
Pap Smear	70,638	418,915	72,402	467,498	2.5	11.6
Treatment of Chronic Renal Failure	3,485	316,398	6,492	407,834	86.3	28.9
Audiometric Tests	20,213	284,063	25,756	405,886	27.4	42.9
Cystoscopy	7,197	335,229	7,068	361,968	- 1.8	8.0
Arteriography	5,106	326,501	4,945	347,072	- 3.1	6.3
Endo-Bronchoscopy	2,431	174,466	3,162	291,250	30.1	66.9
Allergy Testing & Hyposensitization	55,321	259,452	47,713	268,745	-13.7	3.6
Sigmoidoscopy	12,485	143,826	10,171	196,527	-18.5	36.6
TOTAL - 30 Procedures	350,852	\$9,959,683	356,083	\$11,750,457	1.5	18.0

1. Surgical fees, excluding anaesthesia and surgical assistant fees.

2. Digestive tract surgery excludes gastrectomies and biliary tract surgery.

Physicians Services

Table 6.0

Distribution of Insured Persons by Number of Services Received

Number of Services	Persons ¹		Amount Paid ²	
	1980-81	1981-82	1980-81	1981-82
<u>Part A. Number of Insured Persons</u>				
NIL	109,042	107,986	\$ -	\$ -
One	126,282	125,254	1,647,940	1,793,934
Two	103,249	102,427	2,688,767	2,945,736
Three	83,024	82,438	3,408,366	3,706,291
Four	66,587	66,173	3,801,126	4,160,749
Five	53,701	53,644	4,025,249	4,411,331
6 - 10	151,362	151,734	18,545,775	20,622,583
11 - 25	104,957	110,296	27,601,453	33,054,052
26 - 50	23,948	25,054	13,133,499	15,534,930
51 - 100	7,318	7,346	6,929,395	7,983,230
Over 100	1,530	1,648	2,574,737	3,305,653
TOTAL	831,000	834,000	\$84,356,307	\$97,518,489

Part B. Percentage Distribution

NIL	13.1%	13.0%	-%	-%
One	15.2	15.0	1.9	1.8
Two	12.4	12.3	3.2	3.0
Three	10.0	9.9	4.1	3.8
Four	8.0	7.9	4.5	4.3
Five	6.5	6.4	4.8	4.5
6 - 10	18.2	18.2	22.0	21.2
11 - 25	12.6	13.2	32.7	33.9
26 - 50	2.9	3.0	15.6	15.9
51 - 100	0.9	0.9	8.2	8.2
Over 100	0.2	0.2	3.0	3.4
TOTAL	100.0%	100.0%	100.0%	100.0%

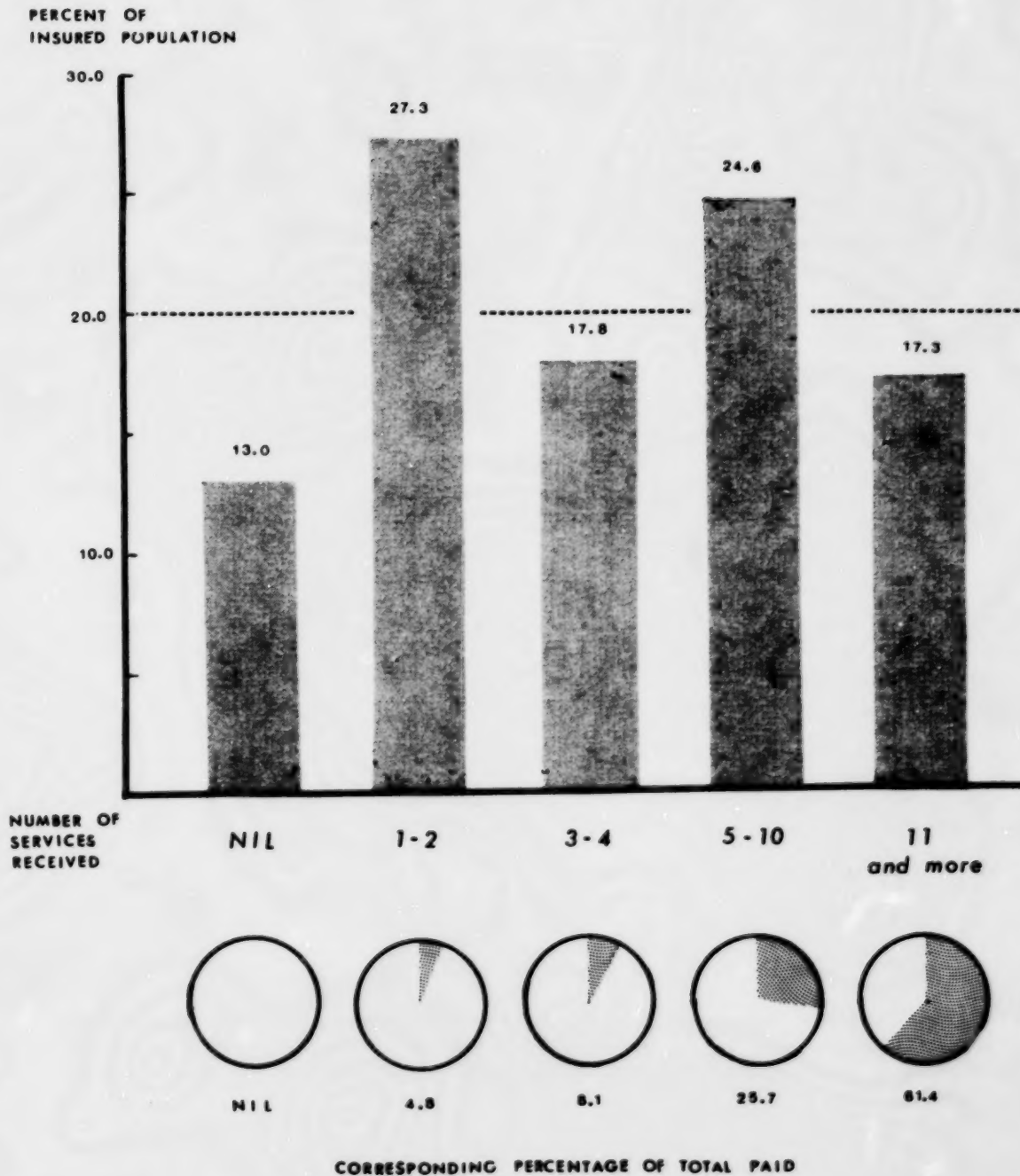
1. The table above includes all persons who received any insured service during the year that was reimbursed on a fee-for-service basis. Persons who change MSI registration numbers during the year are counted twice if they received services under each number.

The number receiving NIL services is a residual calculated by subtracting the number of beneficiaries from estimates of the insured population.

2. Certain adjustments and services not rendered to individuals (e.g. immunization clinics) are not counted for this table and therefore total paid varies somewhat from totals reported elsewhere.

FISCAL YEAR 1981-82

**DISTRIBUTION OF INSURED SERVICES
BY NUMBER OF SERVICES RECEIVED**



Physicians Services

Table 6.1

Distribution of Insured Persons by Amount Paid
For Services Received

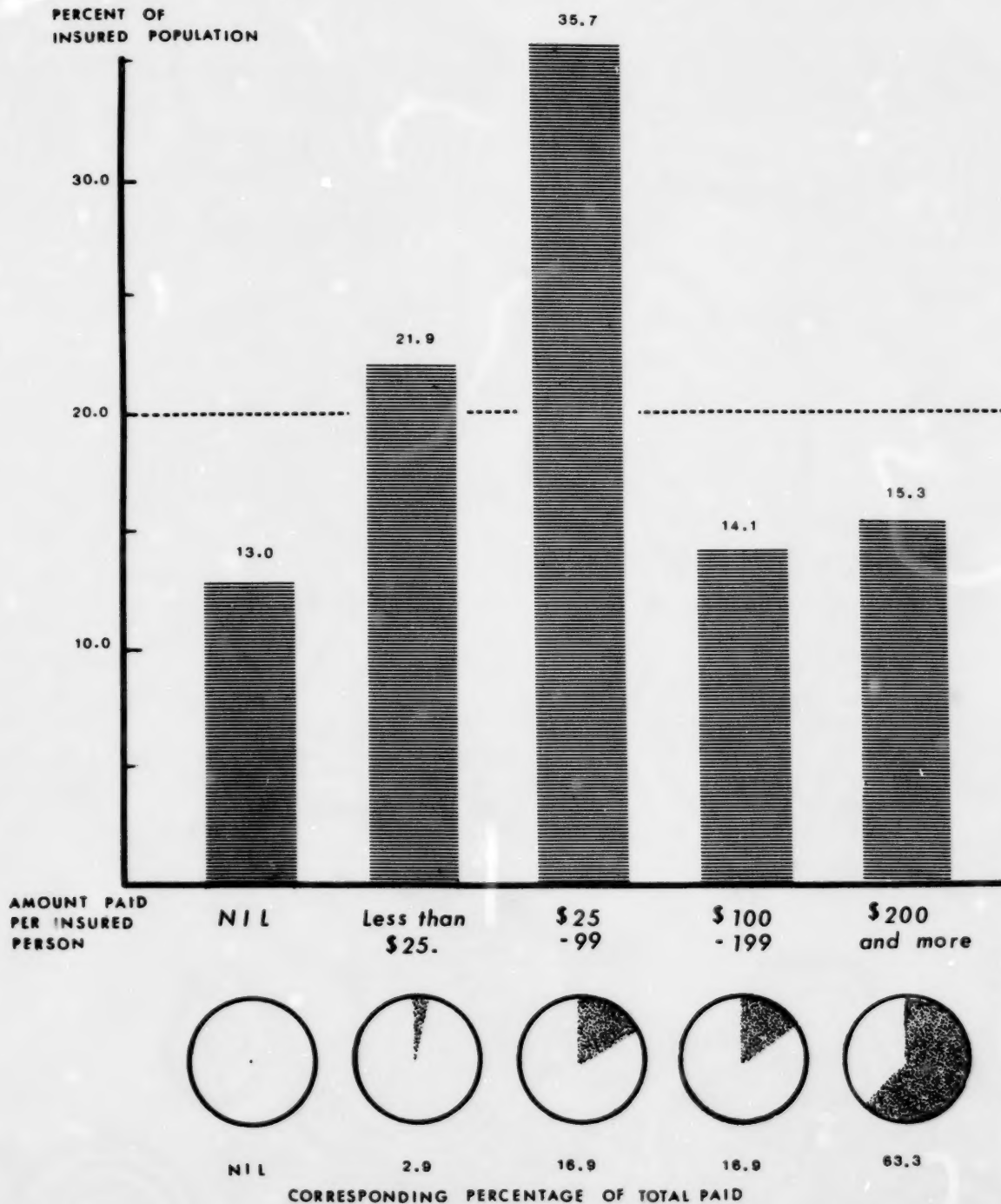
Dollar Value of Services	<u>Persons</u> ¹		<u>Amount Paid</u> ²	
	1980-81	1981-82	1980-81	1981-82
<u>Part A. Number of Insured Persons</u>				
NIL	109,042	107,986	\$ -	\$ -
\$ 0.01 - \$ 10.00	93,996	19,551	854,300	170,524
10.01 - 25.00	107,188	163,466	2,060,481	2,648,342
25.01 - 50.00	154,237	138,608	5,655,013	5,134,551
50.01 - 100.00	151,720	159,114	10,855,089	11,374,699
100.01 - 150.00	68,400	75,345	8,372,460	9,228,826
150.01 - 200.00	37,314	42,198	6,461,278	7,296,840
200.01 - 300.00	43,356	47,782	10,608,227	11,692,997
300.01 - 500.00	35,736	41,749	13,704,972	15,977,989
500.01 - \$1000.00	23,452	29,260	15,728,146	19,770,410
Over \$1000.00	6,559	8,941	10,056,341	14,223,311
TOTAL	831,000	834,000	\$84,356,307	\$97,518,489
<u>Part B. Percentage Distribution</u>				
NIL	13.1%	13.0%	-%	-%
\$ 0.01 - \$ 10.00 ³	11.3	2.3	1.0	0.2
10.01 - 25.00	12.9	19.6	2.4	2.7
25.01 - 50.00	18.6	16.6	6.7	5.3
50.01 - 100.00	18.3	19.1	12.9	11.6
100.01 - 150.00	8.2	9.0	9.9	9.4
150.01 - 200.00	4.5	5.1	7.7	7.5
200.01 - 300.00	5.2	5.7	12.6	12.0
300.01 - 500.00	4.3	5.0	16.3	16.4
500.01 - \$1000.00	2.8	3.5	18.6	20.3
Over \$1000.00	0.8	1.1	11.9	14.6
TOTAL	100.0%	100.0%	100.0%	100.0%

NOTES 1 and 2 - See Footnotes in Table 6.0.

3. In April 1981 the amount paid for an office visit increased from \$8.33 to \$10.80. Persons who received an office visit as the only service during the year would therefore be included in the \$10.00 to \$25.00 category for the first time in 1981-82.

FISCAL YEAR 1981 - 82

**DISTRIBUTION OF INSURED SERVICES
BY AMOUNT PAID FOR SERVICES RECEIVED**



Physicians Services
Table 7.0
MSI Payments to Institutions
For Services Performed by Salaried Physicians¹
By Physicians Specialty

Specialty Of Physician	Amount Paid ² 12 Months Ended March 31, 1981	Amount Paid ² 12 Months Ended March 31, 1982	% Increase Amount Paid
General Practice	\$1,419,584	\$1,559,257	9.8
General & Thoracic Surgery	75,862	81,676	7.7
Psychiatry	2,100,577	2,543,974	21.1
Urology	76,169	84,240	10.6
Other	82,780	52,084	-37.1
TOTAL	\$3,754,972	\$4,321,231	15.1

1. Includes Sessional and Hourly Fees.

2. These figures include the following amounts for overhead expenses:

	<u>1980-81</u>	<u>1981-82</u>
General Practice	\$336,884	\$349,457
Thoracic Surgery	25,590	27,226
Psychiatry	364,953	479,695
Urology	24,988	28,080
Other	25,888	17,362
TOTAL	\$778,303	\$901,820

Physicians Services

Table 7.1

MSI Payments to Institutions for Services
Performed by Salaried Physicians

	<u>12 Months Ended March 31, 1981</u>	<u>12 Months Ended March 31, 1982</u>	<u>% Increase Amount Paid</u>
Abbie J. Lane Memorial Hospital, Halifax	\$ 446,572	\$ 405,027	- 9.3
Atlantic Child Guidance Centre, Halifax	24,854	70,294	182.8
Cape Breton Hospital, Sydney	168,507	149,582	-11.2
Cobequid Mental Health Centre	48,453	54,523	12.5
Cumberland Mental Health Centre, Amherst	133,174	124,503	- 6.5
Digby-Annapolis Mental Health Centre, Digby	56,150	100,732	79.4
Eastern Counties Mental Health Centre, Antigonish	152,259	169,548	11.4
Fundy Mental Health Centre, Wolfville	212,260	202,291	- 4.7
Grandview Manor, Berwick	10,977	13,175	20.0
Halifax County Hospital, Cole Harbour Regional Health & Rehab. Centre, Waterville	229,729	256,588	11.7
Nova Scotia Commission on Drug Dependency, Halifax	166,493	161,791	- 2.8
	19,010	20,113	5.8
Nova Scotia Hospital, Halifax	1,504,925	1,997,346	32.7
The Miller Hospital, Kentville	158,478	158,618	0.1
Pathology Institute, Halifax	7,568	7,559	- 0.1
Pictou County Mental Health Centre, New Glasgow	47,520	23,760	-50.0
Saint Rita's Hospital, Sydney	66,437	52,083	-21.6
South Shore Mental Health Centre, Bridgewater	88,500	99,120	12.0
Victoria General Hospital, Halifax (Urology Department)	15,535	19,406	24.9
Yarmouth Regional Hospital, Yarmouth	159,659	197,749	23.9
Other	37,912	37,423	- 1.3
TOTAL	\$3,754,972	\$4,321,231	15.1

Physicians Services
Table 8.0
Billing Above Tariff by County
General Practitioners and Specialists

Specialty of Physician by County	12 Months Ended March 31, 1981		12 Months Ended March 31, 1982		Percentage ¹ Change
	Physicians	Amount Reported	Physicians	Amount Reported	
<u>ANNAPOLIS</u>					
General Practitioners	14	\$ 63,793	14	\$ 75,412 ²	2.2
Specialists	4	10,001			
TOTAL	18	73,794			
<u>ANTIGONISH</u>					
General Practitioners	3	455	3	438	-
Specialists	2	3	3	6	-
TOTAL	5	458	6	444	-
<u>CAPE BRETON COUNTY</u>					
General Practitioners	22	488	20	133	-
Specialists	4	3,687	5	4,310	16.9
TOTAL	26	4,175	25	4,443	6.4
<u>CITY OF SYDNEY</u>					
General Practitioners	18	36,412	18	37,344	2.6
Specialists	16	85,025	18	107,713	26.7
TOTAL	34	121,437	36	145,057	19.5
<u>COLCHESTER</u>					
General Practitioners	12	48,951	17	47,515	- 2.9
Specialists	5	17,562	5	10,098	-42.5
TOTAL	17	66,513	22	57,613	-13.4
<u>CUMBERLAND</u>					
General Practitioners			22	70,635	-
Specialists	27	97,305 ²	4	31,604	-
TOTAL	27	97,305	26	102,239	5.1
<u>DIGBY</u>					
General Practitioners & Specialists	18	59,560 ²	18	60,321	1.3
<u>GUYSBOROUGH</u>					
General Practitioners	6	17,440	7	11,795	-32.4
Specialists	-	-	-	-	-
TOTAL	6	17,440	7	11,795	-32.4
<u>HALIFAX COUNTY</u> (Excludes Hfx.-Dart.)					
General Practitioners & Specialists	30	88,133 ²	28	103,137	17.0

1. Percentage changes are not shown where amount reported in the 12 months ending March 31, 1981 was less than \$500.
2. The distribution of billing above tariff by specialty has not been shown where fewer than 3 physicians billed substantial amounts.

Table 8.0 (Continued)

Specialty of Physician by County	12 Months Ended March 31, 1981		12 Months Ended March 31, 1982		Percentage ¹ Change
	Physicians	Amount Reported	Physicians	Amount Reported	
<u>HALIFAX-DARTMOUTH</u>					
General Practitioners	147	\$ 649,598	170	\$ 734,438	13.1
Specialists	153	799,474	174	905,528	13.3
TOTAL	300	1,449,072	344	1,639,966	13.2
<u>HANTS</u>					
General Practitioners & Specialists	22	58,545 ²	19	66,210	13.1
<u>INVERNESS</u>					
General Practitioners & Specialists	9	53,491 ²	10	51,427	- 3.9
<u>KINGS</u>					
General Practitioners	41	123,996	41	153,435	23.7
Specialists	16	105,245	17	126,837	20.5
TOTAL	57	229,241	58	280,272	22.3
<u>LUNENBURG</u>					
General Practitioners	30	247,369	37	278,962	12.8
Specialists	8	54,279	11	71,417	31.6
TOTAL	38	301,648	48	350,379	16.2
<u>PICTOU</u>					
General Practitioners	23	65,179	22	61,233	- 6.0
Specialists	4	3,928	4	4,965	26.4
TOTAL	27	69,107	26	66,198	- 4.2
<u>QUEENS</u>					
General Practitioners	6	34,908	8	41,280 ²	
Specialists	3	4,670			
TOTAL	9	39,578	8	41,280	18.3
<u>RICHMOND</u>					
General Practitioners	3	6	1	1	-
Specialists	-	-	-	-	-
TOTAL	3	6	1	1	-
<u>SHELBURNE</u>					
General Practitioners	8	20,845	12	19,527	- 6.3
Specialists	-	-	-	-	-
TOTAL	8	20,845	12	19,527	- 6.3
<u>VICTORIA</u>					
General Practitioners & Specialists	4	12,254	3	8,835	-27.9

1. Percentage changes are not shown where amount reported in the 12 months ending March 31, 1981 was less than \$500.

2. The distribution of billing above tariff by specialty has not been shown where fewer than 3 physicians billed substantial amounts.

Table 8.0 (Continued)

Specialty of Physician By County	12 Months Ended March 31, 1981		12 Months Ended March 31, 1982		Percentage ¹ Change
	Physicians	Amount Reported	Physicians	Amount Reported	
<u>YARMOUTH</u>					
General Practitioners	16	\$ 38,469	18	\$ 36,075	- 6.2
Specialists	5	11,713	8	9,174	-21.7
TOTAL	21	50,182	26	45,249	- 9.2
GENERAL PRACTICE TOTAL	451	\$1,669,553	477	\$1,818,143	8.9
Percent of Amount Paid		3.8		3.6	
SPECIALIST TOTAL	228	\$1,143,231	260	\$1,311,662	14.7
Percent of Amount Paid		3.0		2.9	
NOVA SCOTIA PHYSICIANS	679	\$2,812,784	737	\$3,129,805	11.3
Percent of Amount Paid		3.4		3.3	

1. Percentage changes are not shown where amount reported in the 12 months ending March 31, 1981 was less than \$500.

NOVA SCOTIA MEDICAL SERVICES INSURANCE

1981 - 1982

SECTION THREE

DENTAL SERVICES

MSI Dental Plans

Table 1

Payment and Utilization Summary

PAYMENT SUMMARY

	<u>1980-81</u>	<u>1981-82</u>
Children's Dental & Dental Surgical ¹		
- Services in Nova Scotia	\$7,496,276	\$9,513,782
- Services Outside Nova Scotia	3,697	9,011
TOTAL	\$7,499,973	\$9,522,793
Special Dental Programs ²	131,816	168,058
TOTAL Dental Payments	\$7,631,789	\$9,690,851

UTILIZATION SUMMARY

	<u>Dental Surgical</u>		<u>Children's Dental Plan</u>	
	<u>1980-81</u>	<u>1981-82</u>	<u>1980-81</u>	<u>1981-82</u>
- Services Rendered	20,979	21,355	385,499	446,531
- Amount Paid	\$1,039,092	\$1,189,970	\$6,460,880	\$8,332,823
- Persons Insured	831,000	834,000	183,000	194,900
- Persons Receiving Services (Beneficiaries)	7,900	7,678	88,400	101,408
- Percent of Persons Insured	1.0%	0.9%	48.3%	52.0%
- Services Per 1,000 Insured	25	26	2,106	2,291
- Paid Per 1,000 Insured	\$1,250	\$1,427	\$35,305	\$42,754
- Services Per 1,000 Beneficiaries	2,656	2,781	4,360	4,403
- Paid Per 1,000 Beneficiaries	\$131,531	\$154,984	\$73,087	\$82,171

1. The Children's Dental Plan covers all children born since January 1, 1967.
2. Special Dental Programs include persons who have a cleft palate; in-hospital services to persons who are severely mentally retarded; and children at the Halifax School For The Blind born prior to 1967. Amounts paid were:

	<u>1980-81</u>	<u>1981-82</u>
Cleft Palate	\$122,823	\$155,945
Mental Retardation	7,648	11,435
School For The Blind	1,345	678

Additional information on the Cleft Palate Plan is reported in Tables 13 to 15.

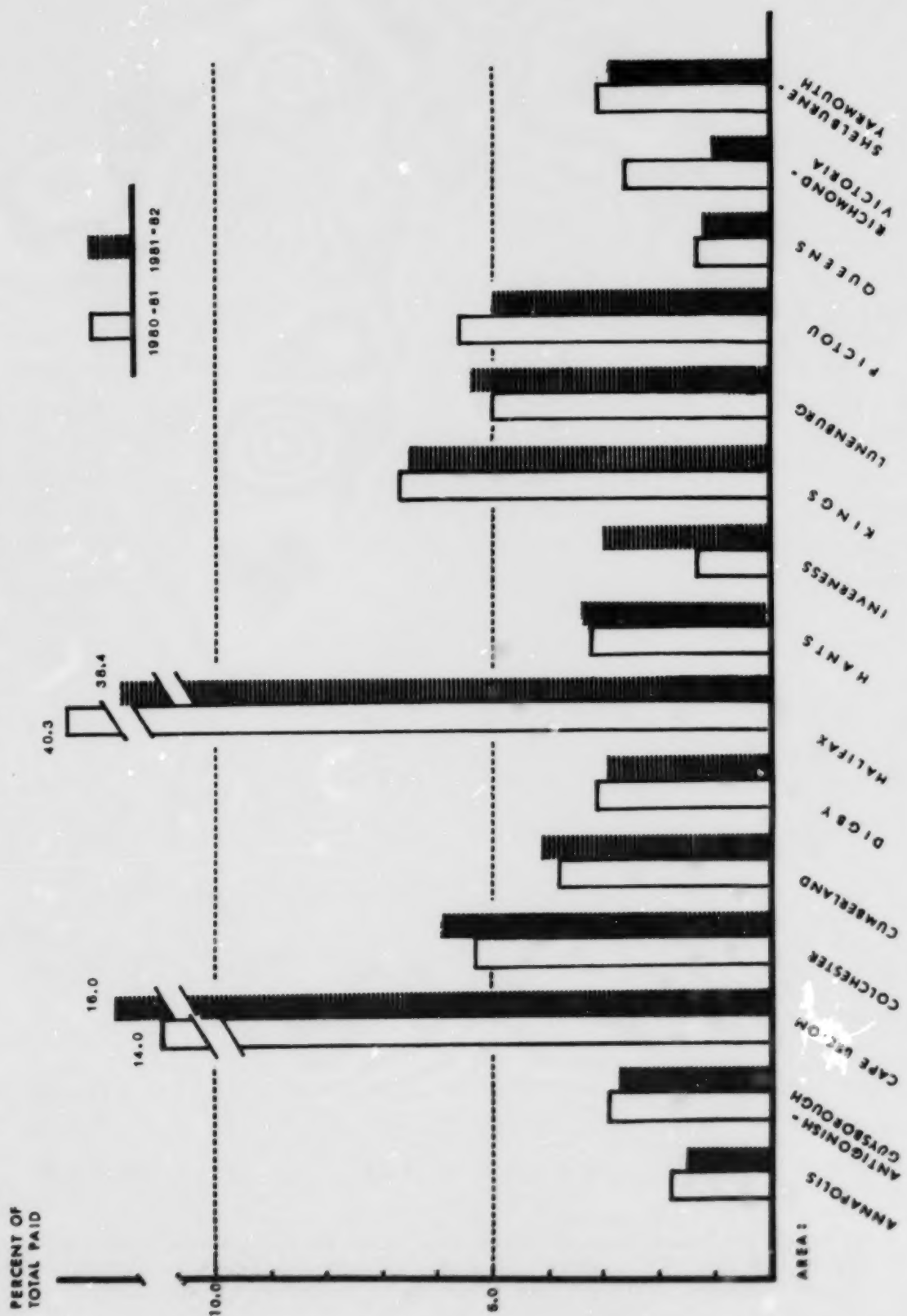
MSI Children's Dental Plan
Table 2
Payments to Dentists by Area

County	April 1, 1980 - March 31, 1981			April 1, 1981 - March 31, 1982		
	Dentists Paid	Paid	% Of Total Paid	Dentists Paid	Paid	% Of Total Paid
Annapolis	5	\$ 114,648	1.8%	5	\$ 128,411	1.5%
Antigonish & ¹ Guysborough	9	189,164	2.9	8	226,400	2.7
Cape Breton	29	904,096	14.0	33	1,329,290	16.0
Colchester	15	340,236	5.3	15	492,686	5.9
Cumberland	8	243,930	3.8	8	342,658	4.1
Digby	7	200,834	3.1	6	243,821	2.9
Halifax	143	2,603,394	40.3	144	3,200,801	38.4
Hants	7	204,748	3.2	8	286,715	3.4
Inverness	4	82,898	1.3	6	246,657	3.0
Kings	17	433,975	6.7	17	544,542	6.5
Lunenburg	16	327,645	5.0	15	447,700	5.4
Pictou	11	360,951	5.6	11	417,349	5.0
Queens	3	81,166	1.3	3	100,858	1.2
Richmond & ¹ Victoria	5	167,631	2.6	3	82,415	1.0
Shelburne & ¹ Yarmouth	7	201,867	3.1	6	239,474	2.9
TOTAL	286	\$6,457,183	100.0%	288	\$8,329,777	100.0%
Out-Of-Province	-	3,697	-	-	3,046	-
GRAND TOTAL	286	\$6,460,880	100.0%	288	\$8,332,823	100.0%
Payments to Urban Areas						
Halifax-Dartmouth ² Urban	136	\$2,404,545	37.2%	141	3,116,563	37.4
Sydney City	12	258,778	4.0	14	390,740	4.7
TOTAL	148	\$2,663,323	41.2%	143	\$3,507,303	42.1

1. Payments were made to one dentist each in Guysborough and Shelburne Counties and to two dentists in Victoria County. These counties were combined with adjacent counties for reporting purposes to preserve confidentiality.
2. The Halifax-Dartmouth Urban area includes the area within a perimeter bounded by Halifax, Middle Sackville and Dartmouth.

Figure 11

MSJ CHILDREN'S DENTAL PLAN
PAYMENTS BY AREA
IN PERCENT OF TOTAL PAID - 2 YEARS COMPARISON



MSI Children's Dental Plan

Table 3

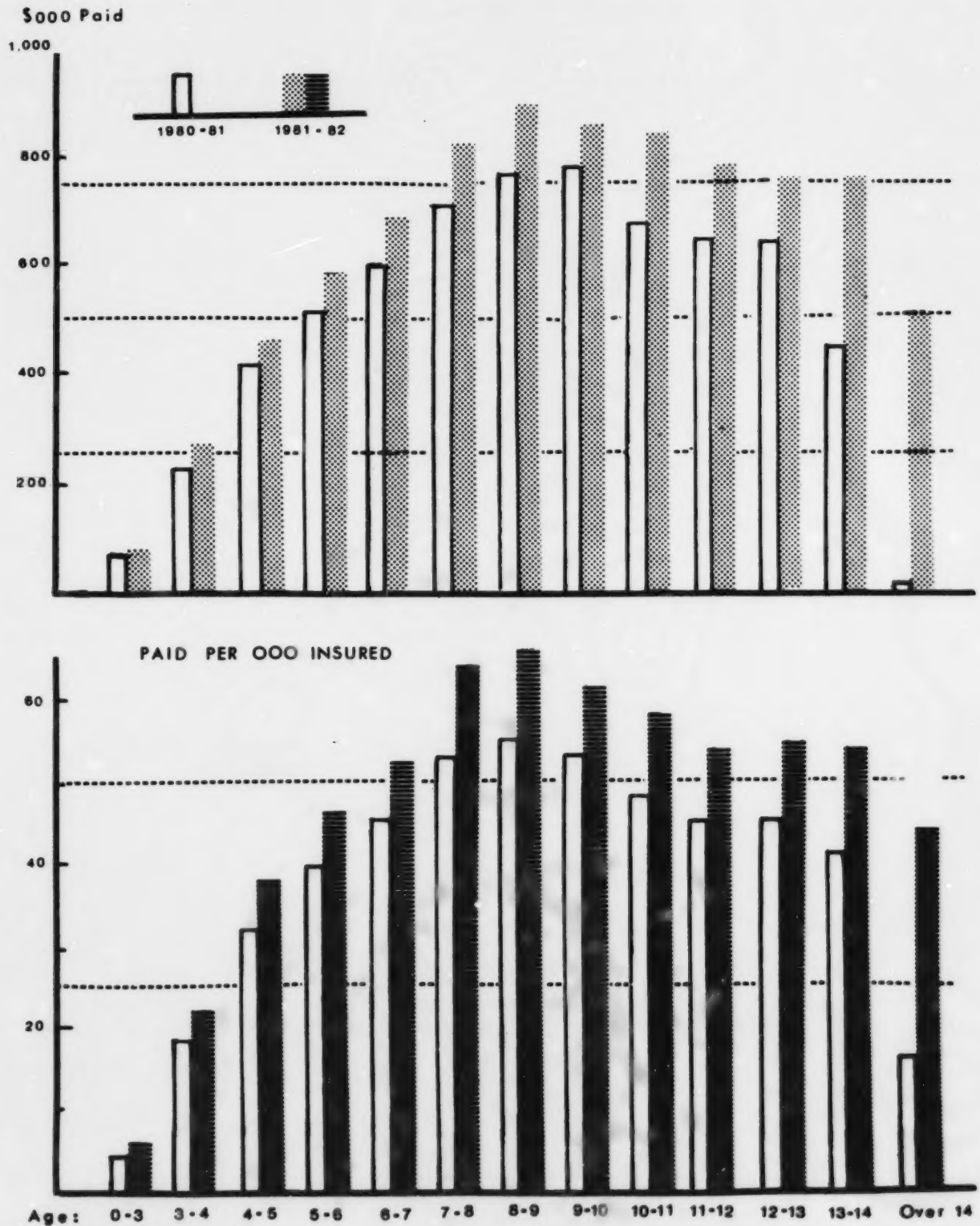
Amount Paid and Expenditure Per 1,000 Insured Persons
1980-81 and 1981-82

Age	<u>Amount Paid</u>		<u>Expenditure Per 1,000 Insured Persons</u> ¹		
	1980-81	1981-82	1980-81	1981-82	% Change
Less Than 1	\$ 420	\$ 880	\$ 35	\$ 75	114.3
1	7,036	9,334	586	765	30.5
2	54,055	64,391	4,359	5,235	20.1
3	224,607	272,659	17,826	22,167	24.4
4	416,699	463,988	32,302	38,346	18.7
5	511,710	583,609	39,667	45,953	15.8
6	592,638	685,693	45,588	53,154	16.6
7	707,873	825,394	53,224	64,484	21.2
8	763,417	897,478	55,320	66,480	20.2
9	777,804	857,964	53,274	62,171	16.7
10	676,118	844,509	47,952	57,843	20.6
11	646,782	781,382	45,548	54,263	19.1
12	638,585	768,917	45,613	55,318	21.3
13	431,393	768,232	41,085	54,874	33.6
14	11,743	490,561	19,571	44,596	-
15	-	17,832	-	29,720	-
TOTAL	\$6,460,880	\$8,332,823	\$35,305	\$42,754	21.1

1. Insured population in 1981 is shown in Table 4. Data for the highest age group does not represent a full year's experience (e.g. children born January to March 1967 were 15 for only the last 3 months of the 1981-82 fiscal year).

Figure 12

MSI CHILDREN'S DENTAL PLAN
PAYMENTS BY AGE GROUP



MSI Children's Dental Plan

Table 4

Utilization Rates and Expenditure Per Beneficiary

April 1, 1981 to March 31, 1982

<u>Age</u>	<u>Insured¹</u>	<u>Beneficiaries</u>	<u>Utilization Rate</u>	<u>Expenditure Per Beneficiary</u>
Less Than 1	11,800	42	0.4	\$20.95
1	12,200	299	2.5	31.22
2	12,300	1,621	13.2	39.72
3	12,300	5,259	42.8	51.85
4	12,100	6,981	57.7	66.46
5	12,700	8,121	63.9	71.86
6	12,900	8,671	67.2	79.08
7	12,800	8,948	69.9	92.24
8	13,500	9,501	70.4	94.46
9	13,800	9,474	68.7	90.55
10	14,600	9,842	67.4	85.81
11	14,400	9,495	65.9	82.29
12	13,900	9,029	65.0	85.16
13	14,000	8,724	62.3	88.06
14	11,000	5,261	47.8	93.24
15	600	140	23.3	127.37
TOTAL	194,900	101,408	52.0	\$82.17
Ages 3 to 15	158,600	99,446	62.7	\$83.04

1. Insured population in age groups 0 - 13 is the estimated population as of December, 1981. For age groups 14 and 15 the average number of insured persons during the year have been calculated. Data for the highest age group does not represent a full year's experience, however, as these children would have been 15 for only 1 to 3 months of the fiscal year. Population estimates were derived from Family Allowance data.

MSI Children's Dental Plan
Table 5
Services and Payments by Type of Service
1980-81 and 1981-82

	Services			Paid		
	1980-81	1981-82	% Change	1980-81	1981-82	% Change
Diagnostic	125,320	149,118	19.0	\$1,343,786	\$1,717,434	27.8
Percent	33.1	34.0		21.4	21.4	
Preventive	60,745	73,501	21.0	912,718	1,126,637	23.4
Percent	16.0	16.8		14.6	14.0	
Preventive Orthodontics	7,574	9,171	21.1	663,309	941,398	41.9
Percent	2.0	2.1		10.6	11.7	
Restorative	145,130	163,233	12.5	2,615,850	3,337,828	27.6
Percent	38.3	37.3		41.7	41.5	
Oral Surgery	32,184	35,268	9.6	479,685	602,995	25.7
Percent	8.5	8.0		7.6	7.5	
Endodontics	7,866	7,718	- 1.8	252,938	306,750	21.3
Percent	2.1	1.8		4.1	3.8	
Other ¹	75	130	58.5	3,510	7,602	116.6
Percent	-	-		-	0.1	
Sub-Total	378,894	438,139	15.6	\$6,271,796	\$8,040,644	28.2
Percent	100.0	100.0		100.0	100.0	
Lab Fees	6,605	8,392	27.1	189,084	292,179	54.5
TOTAL	385,499	446,531	15.8	\$6,460,880	\$8,332,823	29.0

1. Includes Periodontics and Prosthetics:

	Services		Paid	
	1980-81	1981-82	1980-81	1981-82
Periodontics	66	97	\$2,512	\$5,196
Prosthetics	9	33	998	2,406

Children's Dental Plan

Table 6

Summary of Services by Age and Type of Service

(A) Total Services April 1, 1981 to March 31, 1982¹

Age	Diagnostic	Preventive	Preventive Orthodontics	Restorative	Oral Surgery	Endodontics ²	Total
Less Than 1	43	2	-	7	1	2	55
1	313	33	3	85	36	10	480
2	1,751	744	16	776	101	72	3,460
3	6,061	3,558	63	4,844	324	359	15,209
4	9,049	5,083	141	10,855	591	916	26,635
5	11,356	5,935	268	13,633	1,634	1,296	34,122
6	12,535	6,412	590	15,346	3,078	1,175	39,136
7	13,436	6,634	1,143	17,322	4,086	1,057	43,678
8	14,231	6,982	1,389	17,346	4,568	890	45,406
9	14,571	7,013	1,424	14,626	4,578	601	42,813
10	15,194	7,338	1,289	13,138	4,972	396	42,327
11	14,797	6,963	1,067	12,527	4,196	311	39,861
12	13,688	6,485	888	14,310	3,311	243	38,925
13	13,074	6,147	613	16,602	2,462	286	39,184
14	8,706	4,029	271	11,410	1,283	225	25,924
15	313	143	6	406	47	9	924
TOTAL	149,118	73,501	9,171	163,233	35,268	7,848	438,139

(B) Percentage Distribution

Age	Diagnostic	Preventive	Preventive Orthodontics	Restorative	Oral Surgery	Endodontics	Total
Less Than 1	-	-	-	-	-	-	-
1	0.2	-	-	0.1	0.1	0.1	0.1
2	1.2	1.0	0.2	0.5	0.3	0.9	0.8
3	4.1	4.8	0.7	3.0	0.9	4.6	3.5
4	6.1	6.9	1.5	6.6	1.7	11.7	6.1
5	7.6	8.1	2.9	8.4	4.6	16.5	7.8
6	8.4	8.7	6.4	9.4	8.7	15.0	8.9
7	9.0	9.0	12.5	10.6	11.6	13.5	10.0
8	9.5	9.5	15.1	10.6	13.0	11.3	10.4
9	9.8	9.5	15.5	9.0	13.0	7.7	9.8
10	10.2	10.0	14.1	8.0	14.1	5.0	9.7
11	9.9	9.5	11.6	7.7	11.9	4.0	9.1
12	9.2	8.8	9.7	8.8	9.4	3.1	8.9
13	8.8	8.4	6.7	10.2	7.0	3.6	8.9
14	5.8	5.5	3.0	7.0	3.6	2.9	5.9
15	0.2	0.2	0.1	0.2	0.1	0.1	0.2
TOTAL	100.0	100.0	100.0	100.0	100.0	100.0	100.0

1. Lab fees are not counted as services in this table.

2. Endodontics includes periodontics and prosthetics in this table.

Children's Dental Plan

Table 7

Summary of Amounts Paid by Age and Type of Service

(A) Amounts Paid April 1, 1981 to March 31, 1982¹

Age	Diagnostic	Preventive	Preventive Orthodontics	Restorative	Oral Surgery	Endodontics ²	Total
Less Than 1	\$ 632	\$ 31	\$ -	\$ 142	\$ 15	\$ 60	\$ 880
1	5,008	478	97	2,534	845	372	9,334
2	29,104	11,183	2,059	18,230	1,954	1,861	64,391
3	92,832	53,585	7,567	103,049	5,988	9,638	272,659
4	115,116	77,464	16,957	220,865	10,251	23,335	463,988
5	133,238	91,013	28,400	271,262	28,268	31,428	583,609
6	140,961	98,552	59,717	304,637	53,332	28,494	685,693
7	151,415	101,956	127,132	346,702	71,270	26,919	825,394
8	159,768	107,328	176,478	350,550	77,780	25,574	897,478
9	164,077	107,789	185,992	301,112	78,225	20,769	857,964
10	171,584	112,786	174,661	277,344	84,851	23,283	844,509
11	168,484	106,918	146,272	262,341	70,226	27,141	781,382
12	155,477	99,437	126,271	302,848	55,128	29,756	768,917
13	147,576	94,220	92,380	354,026	42,184	37,846	768,232
14	96,972	61,706	41,375	239,559	21,897	29,052	490,561
15	3,496	2,191	1,409	9,001	781	954	17,832
TOTAL	\$1,735,740	\$1,126,637	\$1,186,767	\$3,364,202	\$602,995	\$316,482	\$8,332,823

(b) Percentage Distribution

Age	Diagnostic	Preventive	Preventive Orthodontics	Restorative	Oral Surgery	Endodontics	Total
Less Than 1	-	-	-	-	-	-	-
1	0.3	-	-	0.1	0.2	0.1	0.1
2	1.7	1.0	0.2	0.5	0.3	0.6	0.8
3	5.3	4.8	0.6	3.1	1.0	3.0	3.3
4	6.6	6.9	1.4	6.6	1.7	7.4	5.6
5	7.7	8.1	2.4	8.1	4.7	9.9	7.0
6	8.1	8.7	5.0	9.0	8.8	9.0	8.2
7	8.7	9.0	10.7	10.3	11.8	8.5	9.9
8	9.2	9.5	14.9	10.4	12.9	8.1	10.8
9	9.4	9.6	15.7	9.0	13.0	6.6	10.3
10	10.0	10.0	14.7	8.2	14.1	7.3	10.1
11	9.7	9.5	12.3	7.8	11.6	8.6	9.4
12	9.0	8.8	10.6	9.0	9.1	9.4	9.2
13	8.5	8.4	7.8	10.5	7.0	12.0	9.2
14	5.6	5.5	3.5	7.1	3.6	9.2	5.9
15	0.2	0.2	0.1	0.3	0.1	0.3	0.2
TOTAL	100.0	100.0	100.0	100.0	100.0	100.0	100.0

1. Lab fees are shown by type of service in this table. They are shown separately in Table 5.

2. Endodontics includes periodontics and prosthetics in this table.

PAYMENTS BY TYPE OF SERVICE AND AGE GROUP

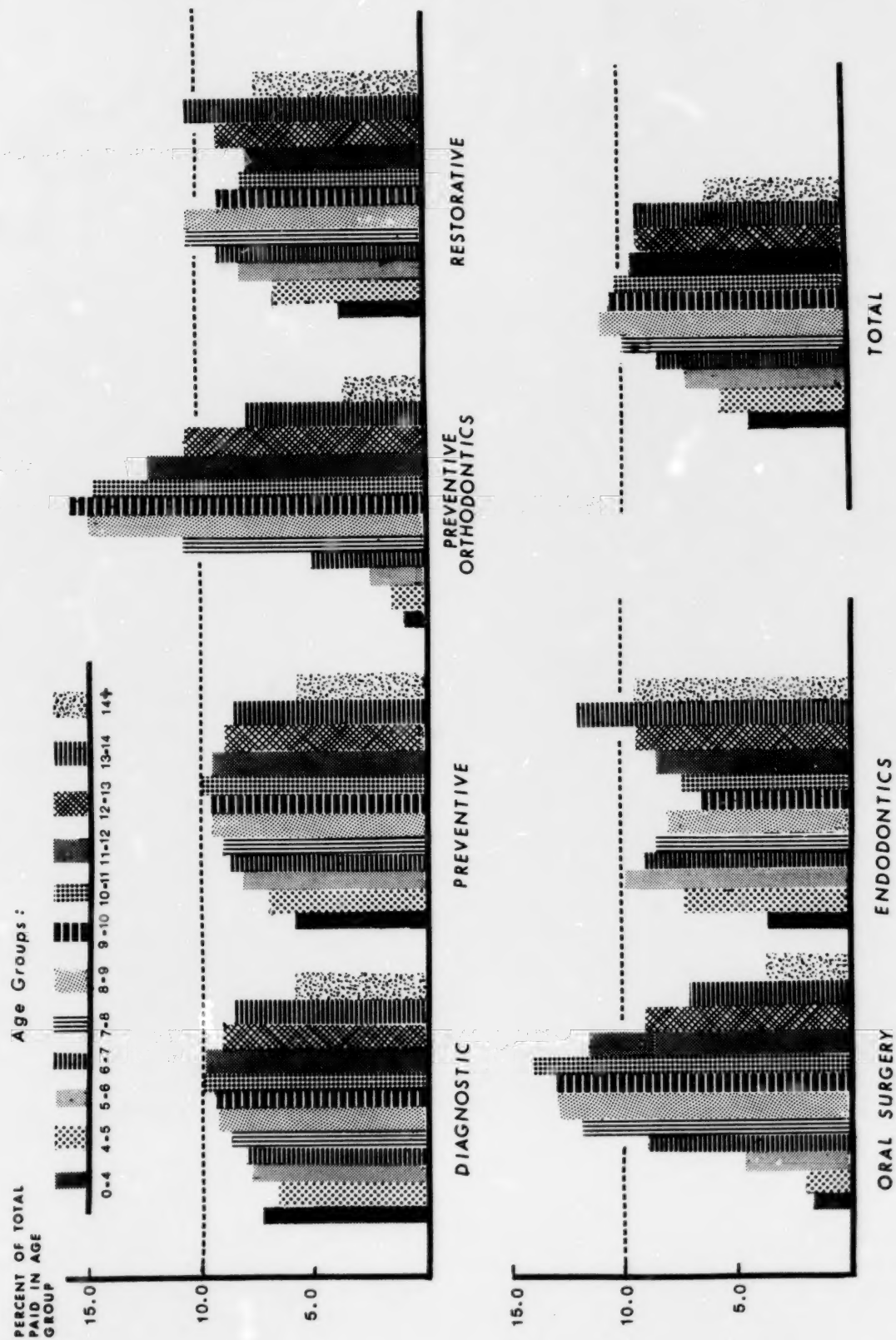


Table 8
MSI Dental Surgical Plan
Payments to Dentists by County
April 1, 1981 to March 31, 1982

<u>County</u>	<u>Number Of Dentists</u>	<u>Amount Paid</u>	<u>Percent Of Total</u>
Annapolis	1	\$ 144	-
Antigonish & Guysborough	1	1,514	0.1
Cape Breton	5	147,471	12.5
Colchester	3	13,634	1.2
Cumberland	4	4,402	0.4
Digby	2	486	-
Halifax	13	991,009	83.7
Hants	3	5,102	0.4
Inverness & Victoria	1	1,350	0.1
Kings	6	7,147	0.6
Lunenburg	6	10,299	0.9
Pictou	-	-	-
Queens	1	30	-
Richmond	-	-	-
Shelburne & Yarmouth	3	1,417	0.1
TOTAL	49	\$1,184,005	100.0
Out-Of-Province	-	5,965	-
GRAND TOTAL	49	\$1,189,970	100.0

Table 9
MSI Dental Surgical Plan
Amount Paid by Type of Service
1980-81 and 1981-82

	April to March 1981		April to March 1982		Percent Change
	Paid	% of Dental Surgical	Paid	% of Dental Surgical	
Surgical Removal of Erupted Teeth (F.C. 501)	\$ 90,605	8.7	\$ 96,068	8.1	6.0
Surgical Removal of Impacted Teeth (F.C. 504 and 506)	631,400	60.8	737,721	62.0	16.8
Surgical Removal of Residual Roots (F.C. 502 and 503)	60,846	5.9	62,921	5.3	3.4
Correction of Prognathism (F.C. 558 and 559)	69,708	6.7	73,868	6.2	6.0
Correction of Micronathism (F.C. 560, 561 and 562)	55,369	5.3	65,579	5.5	18.4
Other Services	131,164	12.6	153,813	12.9	17.3
TOTAL	\$1,039,092	100.0	\$1,189,970	100.0	14.5

Dental Surgical Plan
Table 10
Distribution by Age
April 1, 1981 to March 31, 1982

<u>Age</u>	<u>Patients</u>	<u>Services</u>	<u>Amount Paid</u>	<u>Paid Per Patient</u>
Less Than 10	127	186	\$ 10,286	\$ 80.99
10 - 14	449	1,186	82,794	184.40
15 - 19	1,902	6,466	364,025	191.39
20 - 24	2,015	6,282	327,452	162.51
25 - 29	1,105	2,857	156,198	141.36
30 - 34	610	1,331	77,957	127.80
35 - 39	372	810	49,514	133.10
40 - 44	215	465	24,946	116.03
45 - 49	181	379	21,812	120.51
50 - 54	185	356	20,926	113.11
55 - 59	158	327	18,201	115.20
60 - 64	132	283	14,263	108.05
65 - 69	118	220	11,500	97.46
70 +	109	207	10,096	92.62
TOTAL	7,678	21,355	\$1,189,970	\$154.98

Table 11
Payments to Dentists by Specialty
April 1, 1981 to March 31, 1982

<u>Specialty</u>	<u>Children's Dental Plan</u>	<u>Dental Surgical Plan</u>
General Practice	\$7,515,244	\$ 73,920
Endodontics	17,495	-
Orthodontics	307,567	-
Oral Surgery	13,171	1,114,943
Pedodontics	472,013	413
Periodontics	5,624	-
Prosthetics	1,372	694
Oral Pathology	337	-
TOTAL	\$8,332,823	\$1,189,970

MSL Dental Plans

Table 12

Payments to Dentists, by Payment Range

1980-81 and 1981-82

	Less Than -9,999	810,000 -19,999	820,000 -29,999	830,000 -39,999	840,000 -49,999	850,000 -59,999	860,000 -79,999	880,000 -99,999	890,000 And Over	Total										
	81	82	81	82	81	82	81	82	81	82										
<u>Children's Dental</u>																				
General Practitioners	90	66	57	57	31	26	33	34	21	26	10	14	10	18	3	10	1	3	256	254
Specialists	16	19	3	2	3	4	3	3	3	2	-	2	1	-	-	-	1	2	30	34
TOTAL	106	85	60	59	34	30	36	37	24	28	10	16	11	18	3	10	2	5	286	288
<u>Dental Surgical</u>																				
General Practitioners	42	37	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	43	38
Specialists	5	4	-	-	-	-	-	-	-	-	-	-	-	-	1	-	6	7	12	11
TOTAL	47	41	1	1	-	-	-	-	-	-	-	-	-	-	1	-	6	7	55	49

Figure 14

MSI CHILDREN'S
DENTAL PLAN

NUMBER OF DENTISTS PAID
BY PAYMENT RANGE

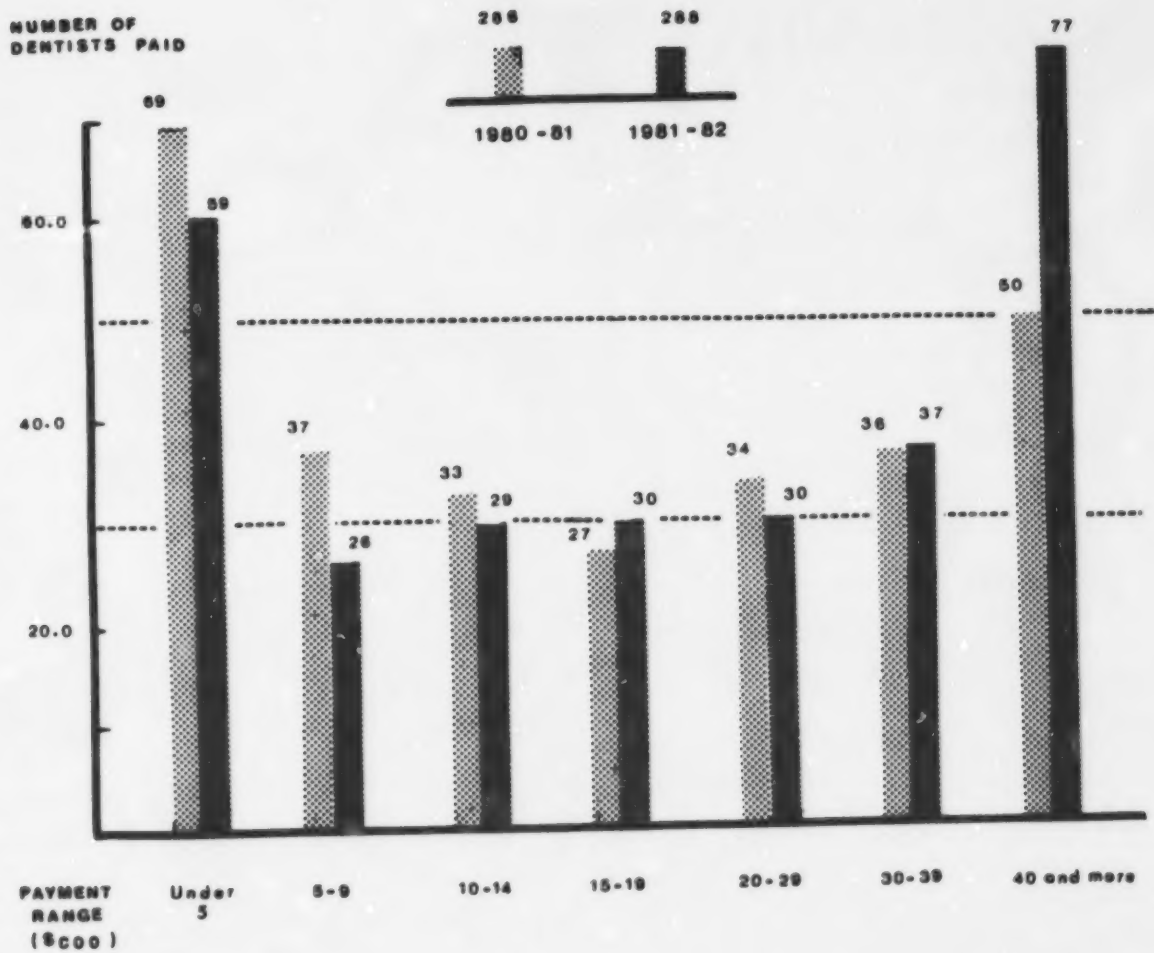


Table 13
Cleft Palate Plan
Payment and Utilization Summary
April 1, 1981 to March 31, 1982

	<u>1980-81</u>	<u>1981-82</u>	<u>Percent Change</u>
Children Insured by Both the Cleft Palate Program and the Children's Dental Plan			
Services	816	1,011	23.9
Amount Paid	\$23,707	\$30,787	29.9
Persons Not Insured by the Children's Dental Plan			
Services	1,483	1,823	22.9
Amount Paid	\$99,116	\$125,158	26.3
TOTAL PAID	\$122,823	\$155,945	27.0
Persons Registered for Coverage	514	596	16.0
Expenditure Per Insured	\$238.96	\$261.65	9.5
Beneficiaries	330	383	16.1
Insured by the Children's Dental Plan	143	171	19.6
Not Insured by the Children's Dental Plan	187	212	13.4
Percent of Insured Persons Who Received Benefits	64.2%	64.3%	
Expenditure Per Beneficiary	\$372.19	\$407.17	9.4

Table 14
Distribution of Cleft Palate Expenditure
Services and Payments by Type of Service
1980-81 and 1981-82

	Services			Paid		
	1980-81	1981-82	% Change	1980-81	1981-82	% Change
Diagnostic	556	714	28.4	\$ 7,326	\$ 10,517	43.6
<i>Percent of Total</i>	24.2	26.1		6.0	6.7	
Preventive	216	256	18.5	3,424	4,081	19.2
<i>Percent of Total</i>	9.4	9.4		2.8	2.6	
Orthodontics	621	470	- 24.3	50,010	55,850	11.7
<i>Percent of Total</i>	27.0	17.2		40.9	35.8	
Restorative	520	708	36.2	13,003	17,555	35.0
<i>Percent of Total</i>	22.6	25.9		10.6	11.3	
Oral Surgery	105	169	60.9	1,837	3,192	73.8
<i>Percent of Total</i>	4.6	6.2		1.5	2.0	
Endodontics & Periodontics	99	111	12.1	6,146	8,436	37.3
<i>Percent of Total</i>	4.3	4.1		5.0	5.4	
Prosthetics	104	209	100.9	16,091	34,560	114.8
<i>Percent of Total</i>	4.5	7.7		13.1	22.2	
Dental Surgery	78	95	21.8	13,074	9,781	-25.2
<i>Percent of Total</i>	3.4	3.5		10.7	6.3	
Lab	-	-	-	11,537	11,973	3.8
<i>Percent of Total</i>	-	-		9.4	7.7	
TOTAL	2,299	2,732	18.8	\$122,448¹	\$155,945	27.4

1. Excludes \$375 in pay-patient claims.

Table 15
Distribution of Cleft Palate Expenditure by Age of Patients
April 1981 to March 1982

<u>Age</u>	<u>Patients</u>	<u>Percent</u>	<u>Paid</u>	<u>Percent</u>	<u>Paid Per Patient</u>
0 - 9	107	27.9	\$ 12,126	7.8	\$113.33
10 - 19	145	37.9	61,585	39.5	424.72
20 - 29	80	20.9	48,870	31.3	610.88
30 - 39	23	6.0	15,916	10.2	692.00
40 - 49	14	3.7	11,153	7.2	796.64
50 - 59	12	3.1	5,966	3.8	497.17
60 +	2	0.5	329	0.2	164.50
TOTAL	383	100.0	\$155,945	100.0	\$407.17

NOVA SCOTIA MEDICAL SERVICES INSURANCE

1981 - 1982

SECTION FOUR

OPTOMETRIC SERVICES

Optometric Services
Table 1
Payment and Utilization Summary

	<u>1980-81</u>	<u>1981-82</u>	<u>Percentage Change</u>
<u>PAYMENT SUMMARY</u>			
- Payments to Optometrists In Nova Scotia	\$1,189,144	\$1,391,266	17.0
- Out-Of-Province	<u>4,503</u>	<u>4,878</u>	<u>8.3</u>
TOTAL ¹	\$1,193,647	\$1,396,144	17.0
<u>UTILIZATION SUMMARY</u>			
- Services Rendered	80,174	82,806	3.3
- Persons Insured	831,000	834,000	0.4
- Persons Receiving Services (Beneficiaries)	79,562	81,247	2.1
- Percentage of Persons Insured	9.6	9.7	1.0
- Services Per 1,000 Insured	96	99	3.1
- Expenditure Per 1,000 Insured	\$1,436	\$1,674	6.6
- Services Per 1,000 Beneficiaries	1,008	1,019	1.1
- Expenditure Per 1,000 Beneficiaries	\$15,003	\$17,184	14.5

1. Recoveries of \$10,800 in 1981-82 have not been deducted from the total shown.

Optometric Services

Table 2

Optometric Services in Urban¹ and Rural Areas

	<u>1980-81</u>	<u>1981-82</u>		
<u>Number of Optometrists Paid</u>				
- Urban	18	19		
- Rural	<u>26</u>	<u>26</u>		
TOTAL	44	45		
 <u>Number of Services Paid</u>				
- Urban	33,035	33,016		
- Rural	46,884	49,504		
- Out-Of-Province	<u>255</u>	<u>286</u>		
TOTAL	80,174	82,806		
 <u>Amount Paid</u>				
	<u>1980-81</u>	<u>% Of Total</u>	<u>1981-82</u>	<u>% Of Total</u>
- Urban	\$ 491,553	41.2	\$ 556,136	39.8
- Rural	697,589	58.4	835,130	59.8
- Out-Of-Province	<u>4,505</u>	<u>0.4</u>	<u>4,878</u>	<u>0.4</u>
TOTAL	\$1,193,647	100.0	\$1,396,144	100.0

1. Urban areas are defined as areas with population over 35,000. These areas include: Sydney Urban area within a perimeter bounded by North Sydney, Sydney City and Glace Bay. The Halifax-Dartmouth area within a perimeter bounded by Halifax, Middle Sackville and Dartmouth.

Optometric Services

Table 3

Charges Above Tariff in Urban and Rural Areas

Area	<u>Amount Billed Above Tariff</u>		<u>Percent of Amount Paid in Area</u>	
	1980-81	1981-82	1980-81	1981-82
Urban	\$114,930	\$131,516	23.4	23.7
Rural	69,697	84,306	10.0	10.1
TOTAL	\$184,627	\$215,822	15.5	15.5

Optometric Services

Table 4

Number of Optometrists Paid, by Payment Range
1980-81 and 1981-82

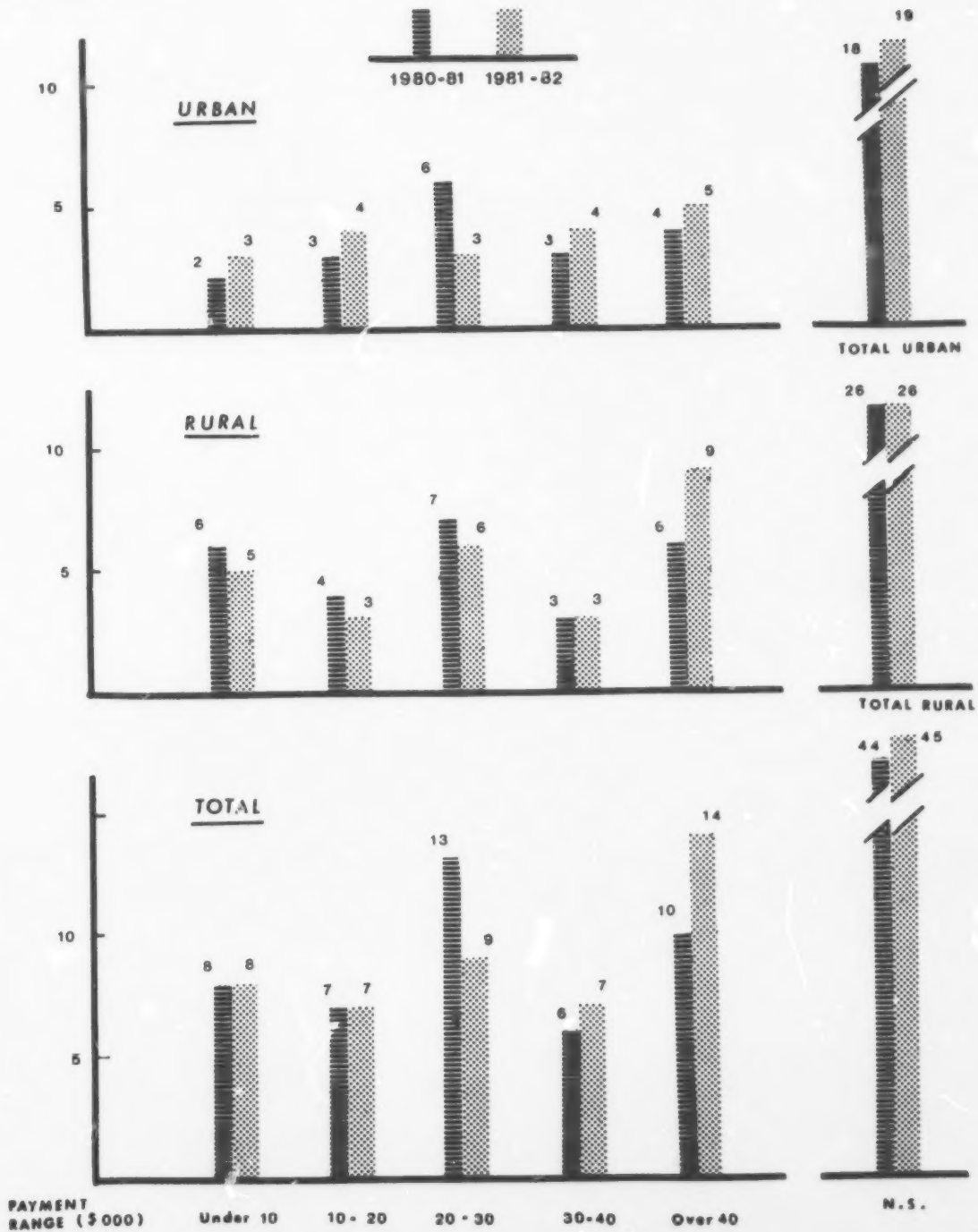
Location	<u>Less Than</u> <u>\$10,000</u>		<u>\$10,000</u> <u>-19,999</u>		<u>\$20,000</u> <u>-29,999</u>		<u>\$30,000</u> <u>-39,999</u>		<u>\$40,000</u> <u>-49,999</u>		<u>\$50,000</u> <u>And Over</u>		<u>Total</u>	
	81	82	81	82	81	82	81	82	81	82	81	82	81	82
Urban	2	3	3	4	6	3	3	4	3	2	1	3	18	19
Rural	6	5	4	3	7	6	3	3	3	4	3	5	26	26
TOTAL	8	8	7	7	13	9	6	7	6	6	4	8	44	45

	<u>1980-81</u>	<u>1981-82</u>
Lowest Payments	\$ 45	\$ 11
Highest Payments	\$86,379	\$105,247

Figure 15

OPTOMETRIC SERVICES
NUMBER OF OPTOMETRISTS PAID
BY PAYMENT RANGE AND BY URBAN/RURAL AREAS

NUMBER OF OPTOM-
ETRISTS PAID



NOVA SCOTIA MEDICAL SERVICES INSURANCE

1981 - 1982

SECTION FIVE

MSI PHARMACARE

CYSTIC FIBROSIS AND DIABETES INSIPIDUS



Table 1
MSI Pharmacare
Payment and Utilization Summary
April 1, 1981 to March 31, 1982

	<u>1980-81</u>	<u>1981-82</u>	<u>Percent Change</u>
<u>Payment Summary</u>			
Payments for Prescriptions Dispensed			
- by participating pharmacies	\$16,622,379	\$20,098,136	20.9
- by other providers	276,410	325,600	17.8
- by providers outside Nova Scotia	<u>31,547</u>	<u>36,378</u>	<u>15.3</u>
	\$16,930,336	\$20,460,114	20.8
Homes for Special Care ¹	<u>298,645</u>	<u>353,430</u>	<u>18.3</u>
TOTAL	\$17,228,981	\$20,813,544	21.0
<u>Utilization Summary</u>			
Persons Insured	91,000	94,000	3.3
Persons Receiving Insured Services (Beneficiaries) ²	83,000	85,275	2.7
Percent of Persons Insured	91.2	90.7	
Prescriptions Dispensed	1,614,481	1,686,070	3.4
Prescriptions Per Insured	17.7	17.9	-
Expenditure Per Insured	\$159.33	\$221.42	16.9
Prescriptions Per Beneficiary ²	19.5	19.8	-
Expenditure Per Beneficiary ²	\$203.98	\$239.93	17.6

1. Special payment arrangements are in effect for residents of certain Homes for Special Care. These include reimbursement of drug costs, and payments for pharmacy services on a sessional or capitation fee basis. Data previously reported for 1980-81 have been revised to conform to this format.

2. Excludes persons residing in homes for special care. Number of beneficiaries for 1980-81 is an estimate.

Table 2

MSI Pharmacare

Prescriptions and Amounts Paid by County¹

April 1, 1981 to March 31, 1982

County	Providers Paid		Number Of Prescriptions		Amount Paid		Paid Per Prescription	
	1980-81	1981-82	1980-81	1981-82	1980-81	1981-82	1980-81	1981-82
Annapolis	5	6	57,806	60,107	\$ 610,495	\$ 727,650	\$10.56	\$12.11
Antigonish	4	4	29,276	30,095	283,147	333,588	9.67	11.08
Cape Breton	29	28	223,382	228,543	2,341,119	2,812,294	10.48	12.31
Colchester	10	9	81,345	85,215	905,964	1,111,449	11.14	13.04
Cumberland	11	12	90,078	91,171	974,395	1,144,253	10.82	12.47
Digby	8	7	61,413	63,204	619,387	744,413	10.09	11.78
Guysborough	4	5	15,750	20,942	128,747	195,266	8.17	9.32
Halifax	78	75	438,689	458,651	4,685,115	5,668,823	10.68	12.36
Hants	12	12	71,843	74,730	737,505	890,058	10.27	11.91
Inverness	9	8	48,199	50,542	524,551	641,214	10.88	12.69
Kings	14	12	107,077	110,684	1,132,290	1,351,302	10.57	12.21
Lunenburg	9	10	96,136	101,557	1,055,718	1,299,400	10.98	12.79
Pictou	18	18	117,662	119,579	1,188,924	1,384,994	10.10	11.58
Queens	3	3	32,404	35,621	342,703	428,613	10.58	12.03
Richmond & Victoria ²	4	5	32,910	38,949	314,550	419,627	9.56	10.77
Shelburne	5	5	35,230	36,926	343,646	417,360	9.75	11.30
Yarmouth	7	7	71,920	75,606	710,533	853,432	9.88	11.29
Out-Of-Province	-	-	3,361	3,328	31,547	36,378	9.39	10.93
TOTAL	230	226	1,614,481	1,686,070	\$16,930,336	\$20,460,114	\$10.49	\$12.31

1. Payments to nursing homes are not included in this table.

2. To preserve confidentiality the counties of Richmond and Victoria have been combined.

Table 3

Pharmaceutical Prescriptions and Amount Paid by Drug Classification

April 1, 1981 to March 31, 1982

Drug Classification	Prescriptions	% Of Total	Amount Paid	% Of Total	Average Paid Per Prescription
04 - Antihistaminics	10,445	0.6	\$ 84,588	0.4	\$ 8.10
08 - Anti-Infective Agents	86,612	5.1	954,361	4.7	11.02
10 - Antineoplastic Agents	2,893	0.2	130,554	0.6	45.13
12 - Autonomic Agents	55,382	3.3	693,497	3.4	12.52
16 - Blood Derivatives	5	-	43	-	8.60
20 - Blood Formation & Coagulation	15,575	0.9	114,761	0.6	7.37
24 - Cardiovascular Drugs	330,503	19.5	3,994,471	19.5	12.09
28 - 0400 - General Analgesics	1,117	0.1	7,909	-	7.08
28 - 0800 - Analgesics	213,718	12.6	3,550,230	17.3	16.65
28 - 1200 - Anticonvulsants	15,395	0.9	90,177	0.4	5.86
28 - 1600 - Psychotropics	158	-	1,353	-	8.56
28 - 1604 - Antidepressants	40,056	2.3	520,573	2.5	12.85
28 - 1608 - Tranquilizers	103,764	6.1	919,686	4.5	8.86
28 - 1612 - Other Psychotropics	562	-	4,148	-	7.38
28 - 2000 - Central Nervous System Stimulants	1,653	0.1	23,728	0.1	14.35
28 - 2400 - Sedatives and Hypnotics	73,684	4.3	557,843	2.7	7.57
Sub-Total - Class 28	450,017	26.5	5,675,647	27.7	12.61
36 - Diagnostic Agents	35	-	185	-	5.29
40 - Diuretics and Potassium Replacement Agents	283,549	16.7	2,803,082	13.7	9.89
48 - Cough Preparations	22,785	1.3	220,782	1.1	9.69
52 - Eye, Ear, Nose & Throat Preparations	58,293	3.4	618,495	3.0	10.61
56 - Gastrointestinal Drugs	78,717	4.6	1,728,656	8.4	21.96

Table 3 (Continued)

<u>Drug Classification</u>	<u>Prescriptions</u>	<u>% Of Total</u>	<u>Amount Paid</u>	<u>% Of Total</u>	<u>Average Paid Per Prescription</u>
60 - Gold Compounds	222	-	\$ 8,119	-	\$36.57
64 - Heavy Metal Antagonists	277	-	8,930	-	32.24
68 - Hormones & Substitutes	104,551	6.2	985,628	4.8	9.43
72 - Local Anesthetics	34	-	121	-	3.56
76 - Oxytocics	10	-	164	-	16.40
77 - Diabetic Supplies	30,170	1.8	228,409	1.1	7.57
80 - Vaccines	594	-	6,451	-	10.86
84 - Skin & Mucous Membrane Preparations	53,427	3.1	598,865	2.9	11.21
86 - Spasmolytics	28,122	1.7	328,506	1.6	11.68
88 - Vitamins & Minerals	27,203	1.6	371,718	1.8	13.66
888 - Ostomy Equipment	-	-	-	-	-
92 - Unclassified Therapeutic Agents	44,706	2.6	828,822	4.0	18.54
99 - Compounds	10,529	0.6	104,645	0.5	9.94
Other	686	-	5,674	-	8.27
Out-Of-Province	1,918	0.1	17,292	0.1	9.02
TOTAL	1,697,260	100.0	\$20,512,466	100.0	\$12.09

Totals differ from Tables 1 and 2 due to the inclusion of certain prescriptions to residents of Homes for Special Care in this table.

Table 4
MSI Pharmacare - Claims Aging (Cumulative)
Paid April 1979 to March 1982

Date Dispensed	Prescriptions	Amount Paid	Paid Per Rx
April, 1979	122,066	\$1,072,918	\$ 8.79
May	133,394	1,184,415	8.88
June	129,686	1,184,992	9.14
July	124,558	1,153,482	9.26
August	132,645	1,236,182	9.32
September	121,201	1,136,686	9.38
October	136,710	1,291,406	9.45
November	134,990	1,285,205	9.52
December	128,639	1,224,755	9.52
January, 1980	138,676	1,338,374	9.65
February	128,462	1,248,621	9.72
March	136,460	1,329,129	9.74
April	134,058	1,319,850	9.85
May	139,487	1,387,448	9.95
June	133,260	1,324,791	9.95
July	137,910	1,445,817	10.48
August	129,986	1,358,007	10.45
September	134,994	1,417,077	10.50
October	143,298	1,517,861	10.59
November	129,427	1,382,319	10.68
December	140,782	1,506,424	10.70
January, 1981	141,103	1,532,702	10.86
February	128,527	1,412,899	10.99
March	140,990	1,561,327	11.07
April	139,442	1,555,206	11.15
May	139,083	1,558,848	11.21
June	144,500	1,639,297	11.34
July	143,751	1,721,424	11.98
August	135,825	1,644,559	12.11
September	144,049	1,763,561	12.24
October	150,204	1,851,761	12.33
November	140,662	1,752,653	12.46
December	150,556	1,868,814	12.41
January, 1982	140,176	1,801,132	12.85
February	127,892	1,668,643	13.05
March*	46,581	613,616	13.17

* The average amount paid for the most recent month may vary by a few cents from the average that will result when a larger proportion of claims incurred that month have been paid.

Prepared by Maritime Medical Care Inc.
Research & Statistics
April 7, 1982

MSI Pharmacare

Table 5

Payments to Pharmacies and Other Providers by Payment Range

Fiscal 1981-82

	Less Than \$25,000	\$25,000 -49,999	\$50,000 -74,999	\$75,000 -99,999	\$100,000 -124,999	\$125,000 -149,999	\$150,000 -199,999	\$200,000 -249,999	\$250,000 And Over	Total
Pharmacies	28	28	25	38	20	23	24	10	6	202
Other Providers	19	3	2	-	-	-	-	-	-	24
TOTAL	47	31	37	38	20	23	24	10	6	226

1981-82

1980-81

Highest Payment
Lowest Payment

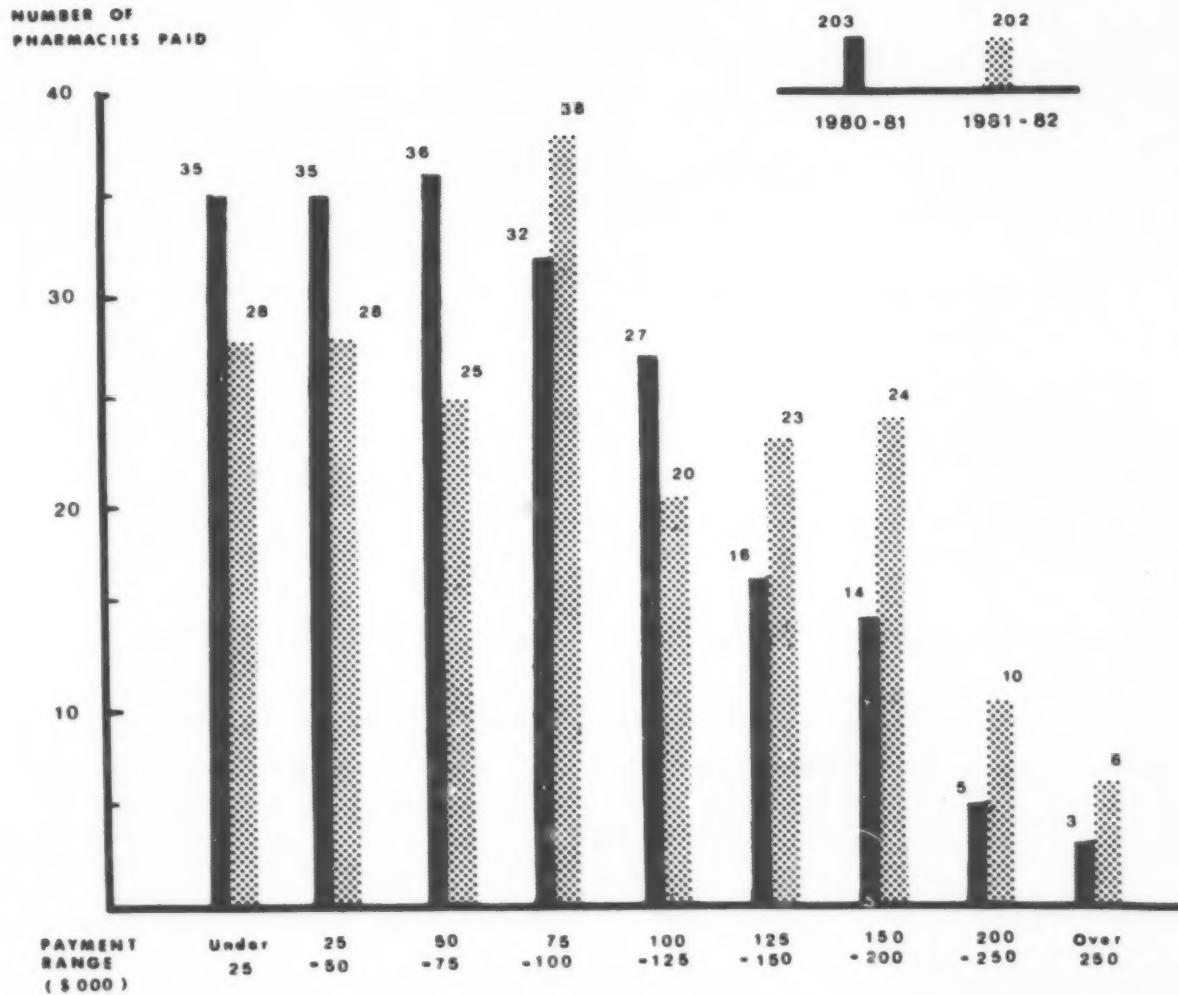
\$512,581
4

\$512,284
3

Figure 16

MSI PHARMACARE PLAN

NUMBER OF PHARMACIES PAID
BY PAYMENT RANGE



Cystic Fibrosis and Diabetes Insipidus Programs

Table 6

Payment and Utilization Summary

	<u>1980-81</u>	<u>1981-82</u>
<u>PAYMENT SUMMARY</u>		
Cystic Fibrosis		
- Drugs	\$145,804	\$150,774
- Equipment	<u>3,854</u>	<u>2,941</u>
TOTAL	\$149,658	\$153,715
Diabetes Insipidus	\$ 15,786	\$ 23,699
<u>UTILIZATION SUMMARY</u>		
Cystic Fibrosis		
- Insured Persons	107	119
- Expenditure Per Insured Person	\$1,399	\$1,292
Diabetes Insipidus		
- Insured Persons	31	36
- Expenditure Per Insured Person	\$509	\$658